STEVENSONS COMMONS B3

1850 LAFAYETTE AVENUE
BRONX, NEW YORK

Remedial Investigation Work Plan

BCP Site No.: C203189
AKRF Project Number: 240663

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1.0 INTRODUCTION

This Remedial Investigation (RI) Work Plan (RIWP) has been prepared by AKRF, Inc. (AKRF) on behalf of Stevenson B3 LLC (the Volunteer) for the property located at 1850 Lafayette Avenue in the Bronx, New York (the Site). The Volunteer is currently enrolled in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) (BCP Site No. C203189) to investigate and remediate the Site. The approximately 2.43-acre Site—which is also referred to as Bronx Borough Tax Block 3600, portions of Lots 4 and 15—is bounded to the north by parking lots and tennis courts associated with the existing Stevenson Commons apartment complex, followed by Lafayette Avenue; to the east by a fire lane and the existing Stevenson Commons apartment complex, followed by White Plains Road; to the south by the Stevenson Commons Buildings B4 and B5 project sites (actively under construction), followed by Seward Avenue; and to the west by Thieriot Avenue, followed by residential buildings. A Site Location Map is provided as Figure 1.

Impact Environmental Closures, Inc. (IEC) performed a Phase I Environmental Site Assessment (ESA) and a Subsurface (Phase II) Investigation at the Site, as summarized in a November 2020 Phase I ESA report and a January 2021 Phase II report. AKRF performed a subsurface investigation in December 2024. Laboratory results from the investigations identified elevated polycyclic aromatic hydrocarbons (PAHs) and metals (i.e., lead, arsenic, barium, and mercury) in soil, which appear to be associated with historical filling of a tidal creek previously located on the Site.

This RIWP describes the procedures to be used to further delineate and/or define the nature and extent of the contamination identified in on-site soil, groundwater, and soil vapor during the previous subsurface investigations. This RIWP has been prepared in accordance with 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 and the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10), dated May 2010. All work will be completed in accordance with this RIWP, which includes a Quality Assurance Project Plan (QAPP) as Appendix A, a Health and Safety Plan (HASP) as Appendix B, and a Community Air Monitoring Plan (CAMP) as Appendix C. The CAMP will be implemented during all subsurface disturbance activities at the Site, including, but not limited to: soil boring advancement; monitoring well installation and development; soil, groundwater, and soil vapor sampling; and backfilling of boreholes.

2.0 SITE DESCRIPTION AND HISTORY

2.1 Site Description and Surrounding Land Use

The approximately 2.43-acre Site is located at 1850 Lafayette Avenue in the Clason Point neighborhood of the Bronx, New York. The Site is also identified as Bronx Borough Tax Block 3600, portions of Lots 4 and 15. The Site consists of a vacant field with overgrown vegetation. A Site Location Map is provided as Figure 1 and a Site Plan is provided as Figure 2.

The Site is bounded to the north by parking lots and tennis courts associated with the existing Stevenson Commons apartment complex, followed by Lafayette Avenue; east by a paved fire lane, followed by the existing Stevenson Commons apartment complex; to the south by the Stevenson Commons Buildings B4 and B5 project sites (actively under construction), followed by Seward Avenue; and to the west by Thieriot Avenue, followed by residential buildings. The surrounding area is predominately residential, with some commercial and institutional uses.

2.2 Site Geology, Hydrogeology, and Subsurface Characteristics

Based on the U.S. Geological Survey (USGS), Flushing, New York 2013 Quadrangle map, the elevation of the Site is approximately 16 feet above the North American Vertical Datum of 1988 (NAVD88), which is an approximation of mean sea level. The Site surface topography is relatively level, and the regional surface topography generally slopes southeast towards the Pugsley/Westchester Creek. Subsurface materials, as described in previous investigations, consist of fill material (sand, silt, gravel, and/or brick,) from surface grade to 10 feet below grade across the Site.

During the subsurface investigations, groundwater was encountered at approximately 11 feet below ground surface (bgs) in the monitoring wells. Based on regional topography, groundwater is anticipated to flow southeast towards the Pugsley/Westchester Creek. Site-specific groundwater flow direction will be determined as part of the RI. Groundwater in the Bronx is not used as a source of potable water.

2.3 Nearby Areas of Public Concern

A review of the existing uses within the surrounding area of the Site identified nine daycare facilities, seven schools, and several residential buildings within an approximately 3,000-foot radius. A Citizen Participation Plan (CPP) was prepared and submitted to NYSDEC in July 2025. The surrounding land use, including zoning and sensitive receptors, is provided as Figure 3.

2.4 Site History

Historical records indicate that the Site has remained undeveloped since 1898. Filling of a tidal creek with material of unknown origin occurred between 1924 and 1951.

3.0 PREVIOUS INVESTIGATIONS

Phase I ESA, IEC, November 2020

IEC prepared a Phase I ESA for a larger area that included the Site in November 2020 in accordance with the American Society for Testing and Materials (ASTM) Standard 1527-13, the current standard at the time. The Phase I ESA included the findings of a Site reconnaissance and a review and evaluation of available historical records and regulatory database listings. The Phase I ESA did not identify any Recognized Environmental Conditions (RECs); however, it did document evidence of filling of a historical tidal creek with material of unknown origin. The historical creek was shown on a 1924 aerial photograph but was filled in by 1951.

Phase II ESA, IEC, May 2021

IEC prepared a Phase II Environmental Site Assessment report in May 2021 following completion of an April 2021 Phase II investigation. The Phase II investigation was conducted in accordance with a Phase II Work Plan that was approved by the New York City Department of Environmental Protection (NYCDEP) to evaluate the subsurface environmental conditions within areas of proposed subsurface disturbance for a proposed redevelopment. The investigation included the following scope of work:

- Advancement of four soil borings and eight samples for chemical analysis to evaluate soil quality;
- Installation of one temporary 2-inch-diameter groundwater well and collection of one groundwater sample for chemical analysis to evaluate groundwater quality; and
- Installation of two temporary soil vapor points across the Site and collection of two soil vapor samples for chemical analysis to evaluate soil vapor quality, and collection of one ambient air sample.

The Phase II concluded that the primary contaminants of concern in soil include PAHs and metals (i.e., lead, cadmium, and mercury). The highest concentrations of metals in soil appeared to be distributed primarily across the eastern and western portions of the Site, with the greatest concentrations—specifically total lead at concentrations up to 1,790 milligrams per kilogram (mg/kg) —located in the eastern portion of the Site (boring B3SB-2) between 8 and 10 feet bgs. Lead concentrations in certain soil samples collected from soil borings B3SB-1, B3SB-2, and OSSB-4 were detected at concentrations above the United States Environmental Protection Agency (EPA) hazardous waste threshold. Elevated concentrations of semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and metals were detected in groundwater above the NYSDEC Technical and Operational Guidance Series (TOGS) Ambient Water Quality Standards and Guidance Values (AWQSGVs). Elevated PAHs and PCBs in groundwater were attributed to the presence of PAHs/PCBs in historic fill. VOCs were detected at low-levels in the soil vapor samples.

Subsurface Investigation Summary Letter, AKRF, January 23, 2025

AKRF performed a subsurface investigation in December 2024 to obtain additional soil, groundwater, and soil vapor data at the Site to support a BCP application. The subsurface investigation included the following scope of work:

- Performance of a geophysical survey to investigate the potential presence of underground storage tanks (USTs), and to clear boring locations of underground utilities;
- Advancement of 12 soil borings across the Site and collection of 36 soil samples for chemical analysis to evaluate soil quality;
- Installation of three permanent 2-inch-diameter groundwater monitoring wells across the Site and collection of three groundwater samples for chemical analysis to evaluate groundwater quality; and

- Installation of three temporary soil vapor points across the Site and collection of three soil vapor samples for chemical analysis to evaluate soil vapor quality.

The subsurface investigation concluded that the primary contaminants of concern in soil include PAHs and metals (i.e., lead, arsenic, barium, and mercury), which appear to be associated with historical filling of the tidal creek previously located on the Site. The concentrations of PAHs and metals in soil appeared to be distributed primarily across the northern, eastern, and southern portions of the Site, with the greatest concentrations of PAHs (up to 17 mg/kg) located in the southeastern corner, and the greatest concentrations of metals—specifically total lead at concentrations up to 69,600 mg/kg—located in the northern portion of the Site (borings SB-04 and SB-05) between 2 and 10 feet bgs. Lead concentrations in certain soil samples collected from soil borings SB-04 and SB-05 were detected at concentrations above the EPA hazardous waste threshold. None of the heavy metals detected at elevated concentrations in soil (i.e., lead, arsenic, barium, and mercury) were detected in the dissolved (filtered) groundwater samples above the AWQSGVs. The only exceedances of AWQSGVs were iron, sodium, and manganese, which were likely indicative of regional groundwater conditions. In addition, 40 volatile organic compounds (VOCs) were detected in one or more of the soil vapor samples analyzed, with concentrations of petroleum-related VOCs up to 100 $\mu g/m^3$; and concentrations of chlorinated VOCs (CVOCs) up to 70 $\mu g/m^3$ in the soil vapor samples. Soil concentrations above the NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Use Soil Cleanup Objectives (RRSCOs) from the subsurface investigations conducted to date are shown on Figure 4. Groundwater concentrations above NYSDEC AWQSGVs are shown on Figure 5. Soil vapor concentrations are shown on Figure 6.

The previous reports are included in Appendix D.

4.0 FIELD PROGRAM

The RI field program will focus on collecting soil, groundwater, and soil vapor data to supplement the existing data and determine the nature and extent of Site contamination to assist with determination of the appropriate remedial action.

4.1 Field Program Summary

The field sampling scope of work during the RI will consist of the advancement of 20 soil borings with continuous soil sampling and laboratory analysis of a minimum of four soil samples per boring; the installation of six permanent groundwater monitoring wells with the collection and analysis of six groundwater samples; and the installation of seven subsurface soil vapor points with the collection and analysis of seven soil vapor samples. A geophysical survey was previously conducted during AKRF's December 2024 subsurface investigation and will be relied upon during the RI; therefore, no geophysical survey will be conducted.

The rationale for the proposed sample locations is described in Table 1 below.

Table 1
Sample Locations and Rationale

Sampling Location	Sampling Intervals (feet bgs)	Location	Rationale For Sampling Location
RI-SB-13/ MW-04/SV-04	0-0.5	Northwestern portion of the Site	To assess soil, groundwater, and soil vapor quality within the northwestern portion of the Site to delineate the elevated concentration of lead detected in SB-04.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
	13-15*		
RI-SB-14/ MW-05/SV-05	0-0.5	Central portion of the Site	To assess soil, groundwater, and soil vapor quality within the central portion of the Site.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
	13-15*		
RI-SB-15/ MW-06/SV-06	0-0.5	Northeastern portion of the Site	To assess soil, groundwater, and soil vapor quality within the northeastern portion of the Site.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
	13-15*		
RI-SB-16/ MW-07/SV-07	0-0.5	Southeastern portion of the Site	To assess soil, groundwater, and soil vapor quality within the southeastern portion of the Site, and to delineate the elevated concentrations of PAHs detected in SB-02.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
	13-15*		

Sampling Location	Sampling Intervals (feet bgs)	Location	Rationale For Sampling Location
RI-SB-17/ MW-08/SV-08	0-0.5	Southern portion of the Site	To assess soil, groundwater, and soil vapor quality near the southern Site boundary.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
	13-15*		
RI-SB-18/ MW-09/SV-09	0-0.5	Southwestern portion of the Site	To assess soil, groundwater, and soil vapor quality within the southwestern portion of the Site.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
	13-15*		
RI-SB-19/SV-10	0-0.5	Eastern portion of the Site	To assess soil and soil vapor quality along the eastern BCP Site boundary.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
RI-SB-20	0-0.5	Southwestern portion of the Site	To assess soil quality within the southwestern portion of the Site.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
RI-SB-21	0-0.5	Northern portion of the Site	To assess soil quality within the northern portion of the Site and delineate the extent of hazardous lead.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
RI-SB-22	0-0.5	Northwestern portion of the Site	To assess soil quality within the northwestern portion of the Site and delineate the extent of hazardous lead.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
RI-SB-23	0-0.5	Western portion of the Site	To assess soil quality within the western portion of the Site and delineate the extent of hazardous lead.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		

Sampling Location	Sampling Intervals (feet bgs)	Location	Rationale For Sampling Location
RI-SB-24	0-0.5	Western portion of the Site	To assess soil quality within the western portion of the Site and delineate the extent of hazardous lead.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
RI-SB-25	0-0.5	Northern portion of the Site	To assess soil quality within the northern portion of the Site and delineate the extent of hazardous lead.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
RI-SB-26	0-0.5	Central-west portion of the Site	To assess soil quality within the central-west portion of the Site and delineate the extent of hazardous lead.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
RI-SB-27	0-0.5	Southern portion of the Site	To assess soil quality within the southern portion of the Site.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
RI-SB-28	0-0.5	Western portion of the Site	To assess soil quality along the western BCP Site boundary.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
RI-SB-29	0-0.5	Southern portion of the Site	To assess soil quality within the southern BCP Site boundary.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
RI-SB-30	0-0.5	Central portion of the Site	To assess soil quality within the central portion of the Site.
	0.5-2		
	2-4		
	4-6		
	6-8		
	8-10		
RI-SB-31	0-0.5	Northeastern portion of the Site	To assess soil quality within the northeastern portion of the Site.
	2-4		
	4-6		

Sampling Location	Sampling Intervals (feet bgs)	Location	Rationale For Sampling Location
RI-SB-31 (continued)	6-8	Northeastern portion of the Site	To assess soil quality within the northeastern portion of the Site.
	8-10		
RI-SB-32	0-0.5	Central-north portion of the Site	To assess soil quality within the central-north portion of the Site and delineate the extent of hazardous lead.
	4-6		
	6-8		
	8-10		
Note: *Or bottom of observed contamination, if present.			

The proposed sample locations are shown on Figure 7. The following sections describe the methods that will be used to complete the scope of work.

4.2 Soil Sampling

A Geoprobe® direct-push probe (DPP) drill rig will be used to advance 20 soil borings (RI-SB-13 through RI-SB-32) at the approximate locations shown on Figure 7. Soil samples will be collected continuously until the groundwater interface, which is approximately 11 feet bgs, to assess soil quality across the Site. Soil cores will be continuously collected in 5-foot-long, 2-inch-diameter, stainless steel macrocore piston rod samplers fitted with dedicated, internal acetate liners. Soil cores will be inspected by AKRF field personnel for evidence of contamination (e.g., odors, staining), screened for the presence of VOCs with a photoionization detector (PID) equipped with a 10.6 electron volt (eV) lamp, and logged using the modified Burmister soil classification system. The PID will be calibrated in accordance with manufacturer's recommendations prior to sampling.

At boring locations RI-SB-13 through RI-SB-30, grab samples will be collected from the surface (i.e., 0 to 0.5 feet bgs), every 2-foot interval from just below surface grade to the groundwater table (i.e., 0.5 to 2 feet bgs, 2 to 4 feet bgs, 4 to 6 feet bgs, 6 to 8 feet bgs, and 8 to 10 feet bgs), and at the boring termination depth (if deeper than 10 feet), or bottom of contamination (if present). At boring location RI-SB-31, one grab sample will be collected from each of the following intervals: 0 to 0.5 feet bgs, 2 to 4 feet bgs, 4 to 6 feet bgs, 6 to 8 feet bgs, and 8 to 10 feet bgs. At boring location RI-SB-32, one grab sample will be collected each of the following intervals: 0 to 0.5 feet bgs, 4 to 6 feet bgs, 6 to 8 feet bgs, and 8-10 feet bgs. All sampling equipment (e.g., drilling rods and casing and probe rods) will either be dedicated or decontaminated between each soil boring location.

Soil samples slated for laboratory analysis will be labeled, placed in laboratory-supplied containers, and shipped to a NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory via courier with appropriate chain of custody documentation in accordance with EPA protocols. The 0- to 2-foot and 8- to 10-foot bgs intervals at locations RI-SB-13 through RI-SB-21 and RI-SB-26 through RI-SB-29, and the 13- to 15-foot bgs intervals at locations RI-SB-13 through RI-SB-18 will be analyzed for the target compound list (TCL) and Part 375 VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, PCBs by EPA Method 8082, and pesticides by EPA Method 8081; the total analyte list (TAL) of metals by EPA Method 6000/7000 series plus mercury by EPA Method 7471B and hexavalent chromium by EPA Method 7196A; and per- and polyfluoroalkyl substances (PFAS) by EPA Method 1633A (full NYSDEC Part 375 suite of analyses). The remaining samples will be analyzed for a limited set of analyses based on the contamination identified during previous subsurface investigations conducted in 2021 and 2024, including PAHs by EPA Method 8270E, TAL metals by EPA Method 6000/7000 series plus mercury by EPA Method 7471B and hexavalent chromium by EPA Method 7196A, and PFAS by EPA Method 1633A. All samples will be collected for Toxicity Characteristic Leaching Procedure

(TCLP) metals; however, these analyses are to be on hold pending the analytical results for total metals. All laboratory analytical results will be reported using Category B deliverables.

For quality assurance/quality control (QA/QC) purposes, one blind duplicate sample, matrix spike (MS)/matrix spike duplicate (MSD) sample, field blank, and trip blank will be collected for every 20 samples collected. The blind duplicate, MS/MSD, and field blank samples will be analyzed for all testing parameters previously noted; trip blank samples will be analyzed for VOCs only.

The laboratory sample data will be reviewed by a third-party validator, and a Data Usability Summary Report (DUSR) will be prepared to document the usability and validity of the data. The soil boring locations will be identified by a handheld global positioning system (GPS) unit and surveyed by a New York State-licensed surveyor. After soil sampling is complete, select borings will be converted into permanent groundwater monitoring wells. Disposable sampling equipment (including spoons, gloves, bags, paper towels, etc.) that comes into contact with environmental media will be bagged and disposed in a facility trash dumpster as non-hazardous refuse.

4.3 Monitoring Well Installation and Development

Six soil boring locations will be converted into monitoring wells (MW-04 through MW-09), as shown on Figure 7. The six wells will be screened across the groundwater table, which is expected to be encountered at approximately 11 feet bgs. Procedures for field screening and soil sample collection will be consistent with those described in Section 4.2 and in the QAPP (Appendix A). Each well will be constructed with 10 feet of 0.020-inch slotted polyvinyl chloride (PVC) well screen. A No. 2 Morie sand pack will be installed from the bottom of each well to approximately two feet above the well screen, followed by two feet of hydrated bentonite. The remaining annular space around the well will be filled with bentonite-cement grout to approximately 0.5 feet bgs. The wells will be finished with locking j-plugs, flush-mount locking well caps, and a concrete pad.

Following installation, the permanent wells will be developed via pumping and surging to remove any accumulated fines and establish a hydraulic connection with the surrounding aquifer. Development will continue until turbidity within the permanent well is less than 50 nephelometric turbidity units (NTUs) for three successive readings, and until water quality indicators have stabilized to within 10% for pH, temperature, and specific conductivity for three successive readings. In the event that 50 NTUs cannot be achieved after a significant period of time, the wells will be developed until at least three well volumes have been purged. Well development details will be noted on field logs. Purge water needing to be managed will be containerized in properly labeled, Department of Transportation (DOT)-approved 55-gallon drums for future off-site disposal at a state-permitted facility.

4.4 Groundwater Elevation Survey

The monitoring wells will be surveyed by a New York State-licensed surveyor to determine their accurate location and elevation. To establish the direction of groundwater flow and facilitate the preparation of a groundwater elevation contour map, two elevation measurements will be taken at each well location: the at-grade elevation, and the elevation of the top of PVC casing (north side at marking). The elevation datum for the sampling points will be based on NAVD88 Elevation Datum, with the horizontal datum being based on the New York State Plane Coordinates Long Island Zone.

4.5 Groundwater Sampling

In accordance with EPA low-flow sampling protocols, the permanent wells will be sampled at least one week following their development. Prior to sampling, an electronic interface meter will be used to measure water levels and the thickness of separate phase product, if any. The purge water will be monitored for turbidity and water quality indicators (i.e., pH, dissolved oxygen, oxidation-reduction potential, temperature, and specific conductivity) with measurements collected

approximately every five minutes. The criteria for stabilization will be three successive readings within ±10% for pH, temperature, and specific conductivity. Purge water will be containerized in properly labeled, DOT-approved 55-gallon drums for off-site disposal at a permitted facility.

Groundwater samples slated for laboratory analysis will be placed in laboratory-supplied containers and shipped in accordance with appropriate EPA protocols to a NYSDOH ELAP-certified laboratory. The samples will be analyzed for the full NYSDEC Part 375 suite of analyses, which includes VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, PCBs by EPA Method 8082, pesticides by EPA Method 8081, total and dissolved TAL metals by EPA Method 6000/7000 series plus mercury by EPA Method 7471B, and PFAS by EPA Method 1633A, using Category B deliverables.

For QA/QC purposes, one blind duplicate sample, MS/MSD sample, field blank, and trip blank will be collected. The blind duplicate, MS/MSD, and field blank samples will be analyzed for all of the testing parameters previously noted; the trip blank sample will be analyzed for VOCs only. The data will be reviewed by a third-party validator, and a DUSR will be prepared to document the usability and validity of the data.

4.6 Soil Vapor Sampling

Seven temporary soil vapor points will be installed to a depth of approximately 8 feet bgs, and seven soil vapor samples will be collected in accordance with the guidelines provided in the NYSDOH guidance document. Prior to sample collection, each soil vapor point will be purged of three sample volumes using a GilAir Plus pump at a flow rate of 0.2 liter per minute. During purging, a shroud will be placed over each point and helium gas will be introduced through a small hole in the shroud to saturate the atmosphere around the sample port. Purged vapors will be collected in a Tedlar® bag and field-screened for VOCs using a PID. After purging, each probe will be connected via Teflon™-lined polyethylene tubing to a laboratory-supplied 6- Liter SUMMA® canister equipped with a flow regulator set to collect a sample over a two-hour period. Samples will be transported via courier with appropriate chain of custody documentation to a NYSDOH ELAP-certified laboratory for analysis of VOCs by EPA Method TO-15. All laboratory analytical results will be reported using Category B deliverables.

4.7 Quality Assurance / Quality Control (QA/QC)

The QAPP (Appendix A) describes the QA/QC protocols and procedures that will be followed during implementation of the RIWP. During the RI, a laboratory QA/QC officer will provide quality control procedures and checks in the laboratory and ensure adherence to laboratory protocols; and a laboratory data validator will provide third party data validation and preparation of Data Usability Summary Report (DUSRs). The names and resumes of the QA/QC officer and third-party laboratory data validator are included in the QAPP (Appendix A).

4.8 Decontamination Procedures

All non-dedicated sampling equipment (e.g., submersible pumps and oil/water interface probes) will be decontaminated between drilling and sampling locations using the following procedure.

1. Scrub equipment with a bristle brush using a tap water/Alconox® solution.
2. Rinse with tap water.
3. Scrub again with a bristle brush using a tap water/Alconox® solution.
4. Rinse with tap water.
5. Rinse with distilled water.
6. Air-dry the equipment.

4.9 Management of Investigation-Derived Waste (IDW)

Groundwater IDW will be containerized in DOT-approved 55-gallon drums. The drums will be sealed at the end of each workday and labeled with the date, the well or boring number(s), the type of waste (i.e., drill cuttings, decontamination fluids, development water, or purge water), and the name of an AKRF point-of-contact; and will be stored with best management practices in mind (e.g., using secondary containment, covering with tarp to avoid exposure to elements, secure storage away from public). All drums will be labeled "pending analysis" until laboratory data is available. All IDW will be disposed of or treated according to applicable local, state, and federal regulations.

5.0 REPORTING REQUIREMENTS

5.1 Daily Reporting

During the RI, daily reports will be submitted to NYSDEC and NYSDOH by noon the next business day for each day of work on-site. The daily reports will include an update of progress made during the reporting day, including the number of soil borings, monitoring wells, and/or soil vapor points advanced/installed, and their respective locations on-site; a summary of CAMP findings, including any exceedances; and a summary of any, and all, complaints with relevant details (names, phone numbers).

Daily reports are not intended to be the mode of communication for notification to NYSDEC and NYSDOH of emergencies (e.g., accident, spill, etc.), requests for changes to this RIWP, or other sensitive or time critical information.

5.2 Remedial Investigation Report (RIR)

Upon completion of all field work and receipt of laboratory analytical results, an RIR will be prepared. The RIR will: document field activities; present field and laboratory data; evaluate exposure pathways in an exposure assessment; and discuss conclusions and recommendations drawn from the results of the investigation. Soil, groundwater, and soil vapor sampling results will be presented in the text and on figures and tables with comparisons to the applicable standards, criteria, and guidance (SCGs) for each media.

5.2.1 Description of Field Activities

This section of the RIR will describe the field methods used to characterize the Site conditions, including: sampling techniques; field screening equipment; drilling and excavation equipment; monitoring well installation procedures; and management of IDW.

5.2.2 Soil Boring Assessment

The RIR will include a section that presents field and laboratory data for soil results. This section will include a description of soil characteristics and figures will be provided that illustrate soil boring locations. Field and laboratory analytical results will be presented in the body of the report and summarized in tables and figures, and the detected concentrations will be compared to regulatory standards. Soil boring logs and laboratory analytical reports will be provided as attachments. Category B deliverables will be provided by the laboratory and a third-party DUSR will be prepared.

5.2.3 Groundwater Assessment

The RIR will include a section that presents field and laboratory data from the groundwater monitoring results. This section will include a description of groundwater characteristics and figures will be provided that illustrate monitoring well locations. Well survey data and water level measurements will be used to create a groundwater elevation contour map and determine inferred groundwater flow direction. Field and laboratory analytical results will be presented and compared with regulatory standards and/or guidance values. Well construction, well development, and low-flow groundwater sampling logs and laboratory analytical reports will be provided as attachments. Category B deliverables will be provided by the laboratory and a third-party DUSR will be prepared.

5.2.4 Soil Vapor Assessment

The RIR will include a section that presents field and laboratory data from the subsurface soil vapor sampling results. The section will include a description of soil vapor characteristics and will provide a summary of the sample analytical data. Figures will be

provided that illustrate the soil vapor point locations. Sampling logs and laboratory analytical reports will be provided as attachments. Category B deliverables will be provided by the laboratory and a third-party DUSR will be prepared.

5.2.5 Qualitative Human Health Exposure Assessment

A Qualitative Human Health Exposure Assessment will be performed in accordance with DER-10 Section 3.3. The assessment will be included in the RIR.

5.2.6 Green and Sustainable Remediation

Green and sustainable remediation (GSR) principles will be implemented during the RI via an environmental footprint analysis. The environmental footprint analysis will be completed using a NYSDEC-accepted environmental footprint analysis calculator such as the EPA Spreadsheets for Environmental Footprint Analysis (SEFA), SiteWise™ or similar NYSDEC-accepted tool. Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction, and material use during the RI, as applicable, will be quantified and reported in the RIR. Measures will be taken to limit excess energy use and water, to the extent possible, during the RI.

These metrics will ultimately be incorporated into the remedial design program, upon preparation of the Remedial Action Work Plan (RAWP), to establish goals for the project related to GSR, along with goals for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice.

6.0 SCHEDULE OF WORK

The following tentative schedule has been developed for the project. This schedule is subject to change.

Activity	Time To Complete
BCA Execution	July 2025
Submittal of CPP	July 2025
Submittal of Final RIWP	July 2025
RI Field Activities	August-September 2025
Submittal of Draft RIR	November 2025
Submittal of Draft RAWP	January 2026
45-day Public Comment Period for RAWP	March-April 2026
Submittal of Final RAWP	May 2026
Decision Document	June 2026
Issuance of Remedial/Construction Notice Fact Sheet	June 2026
Construction Financing Closing with Housing Preservation Department (HPD)	June 2026
Begin RAWP implementation	July 2026
Execution of Environmental Easement	April 2027
Submittal of Draft Site Management Plan (SMP)	August 2027
Submittal of Draft Final Engineering Report (FER)	September 2027
Final SMP and FER	November 2027
Certificate of Completion	December 2027

7.0 CERTIFICATION

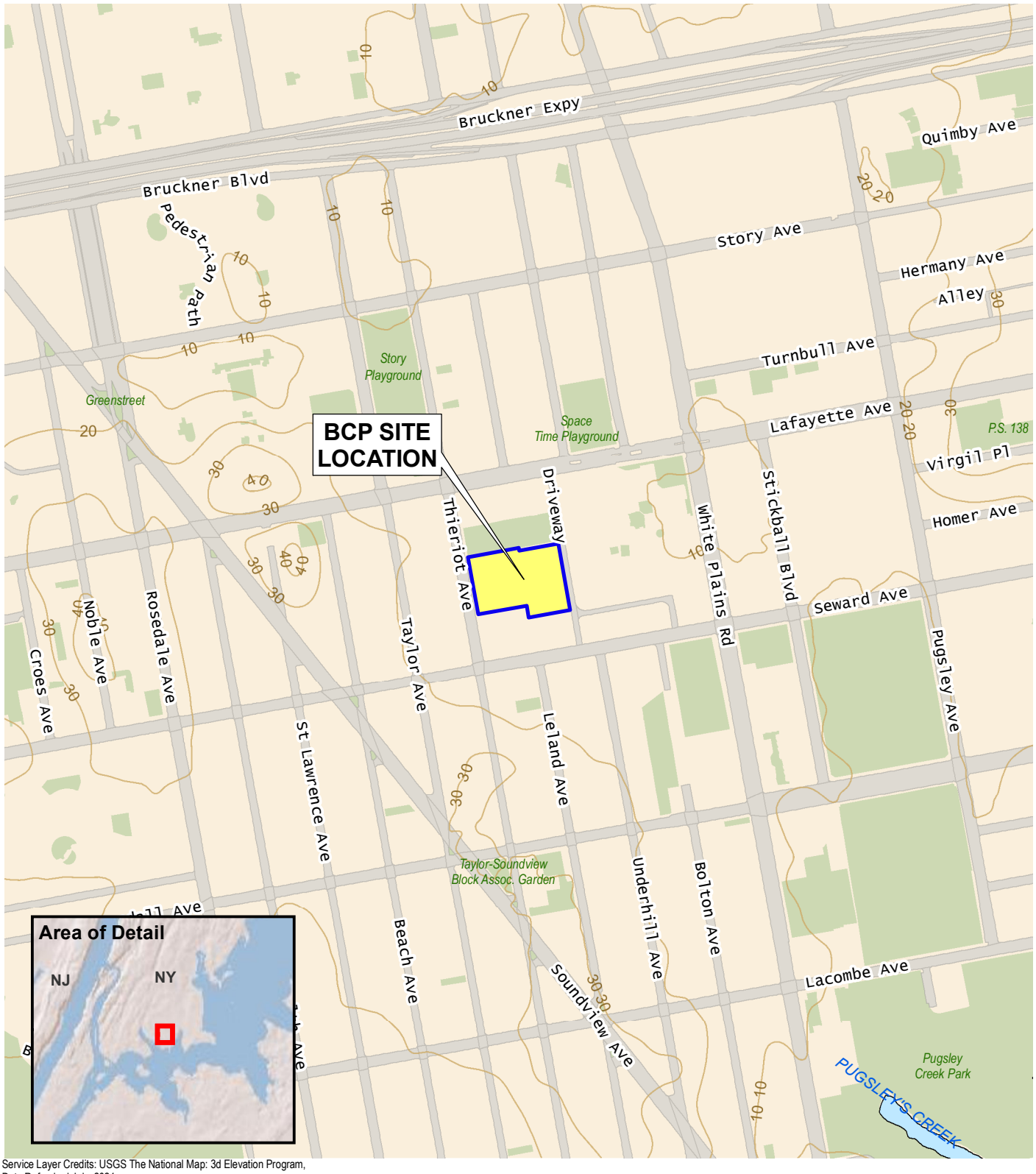
I, Deborah Shapiro, QEP, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and DER Green Remediation (DER-31)

Deborah Shapiro, QEP		7-31-25
Name	***Signature***	***Date***

8.0 REFERENCES

1. U.S. Geological Survey; Quadrangle Map – Flushing, New York; 7.5 Minute Series (Topographic); Scale 1:24,000; 2013.
2. Phase I Environmental Site Assessment, 1850 Lafayette Avenue, Bronx, NY, IEC, November 3, 2020.
3. Phase II Environmental Site Assessment, 1850 Lafayette Avenue, Bronx, NY, IEC, May 3, 2021.
4. Subsurface Investigation Summary Letter, 1850 Lafayette Avenue, Bronx, NY, AKRF, Inc., January 23, 2025.
5. DER-10 Technical Guidance for Site Investigation and Remediation, New York State Department of Environmental Conservation (NYSDEC) May 2010.
6. 6 NYCRR Section 375-6: Remedial Program Soil Cleanup Objectives (SCOs), December 14, 2006.
7. NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, March 1998.
8. NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006; updated September 2013 for change of AGV for PCE; updated in August 2015, May 2017, and February 2024.
9. NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, April 2023.

FIGURES



Service Layer Credits: USGS The National Map: 3d Elevation Program, Data Refreshed July, 2021

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©2025 AKRF Q:\Projects\240663 - STEVENSON COMMONS B3\Technical\GIS and Graphics\SAR\RIWP\240663 Fig 1 Site Location.mxd 3/6/2025 11:43:44 AM mvelleux

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BCP SITE LOCATION

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7/22/2025

PROJECT NO.
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FIGURE
1

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

LEGEND

- BCP SITE BOUNDARY
- 3600 BLOCK NUMBER
- 15 LOT BOUNDARY AND TAX LOT NUMBER
- BUILDING
- AKRF SUBSURFACE INVESTIGATION MONITORING WELL/SOIL VAPOR POINT/SOIL BORING LOCATION (DECEMBER 2024)
- AKRF SUBSURFACE INVESTIGATION SOIL BORING LOCATION (DECEMBER 2024)
- IEC PHASE II SOIL BORING LOCATION (APRIL 2021)
- IEC PHASE II SOIL VAOPOR SAMPLE LOCATION (APRIL 2021)
- IEC PHASE II MONITORING WELL LOCATION (APRIL 2021)
- IEC PHASE II AMBIENT AIR SAMPLE LOCATION (APRIL 2021)
- IEC PHASE II OBSERVATION WELL SAMPLE LOCATION (APRIL 2021)

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SITE PLAN

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FIGURE
2

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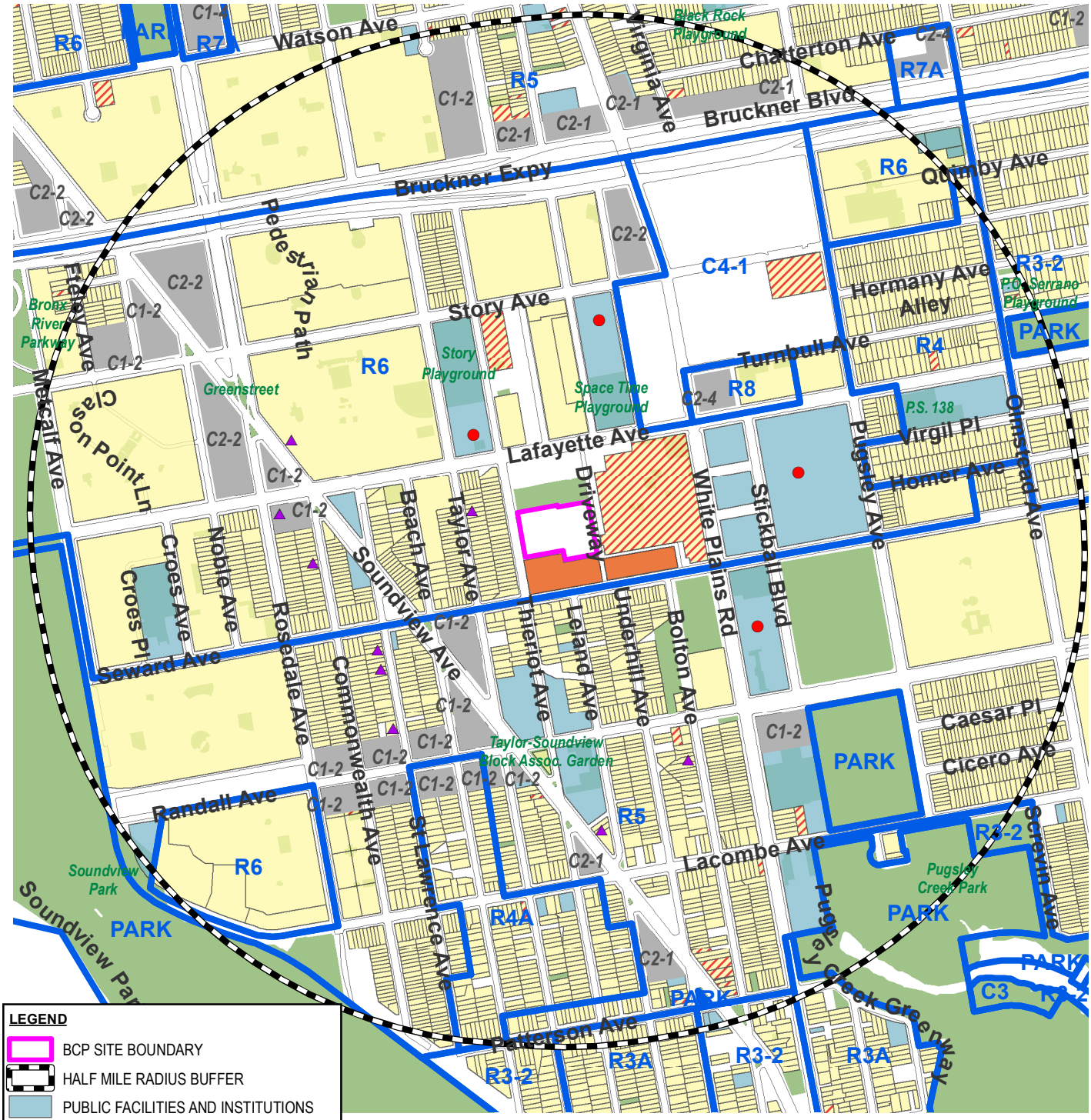

LEGEND

- BCP SITE BOUNDARY
- HALF MILE RADIUS BUFFER
- PUBLIC FACILITIES AND INSTITUTIONS
- RESIDENTIAL
- RESIDENTIAL WITH COMMERCIAL BELOW
- UNDER CONSTRUCTION
- OPEN SPACE
- ZONING DISTRICTS
- COMMERCIAL OVERLAY DISTRICTS
- SENSITIVE RECEPTOR: DAYCARE
- SENSITIVE RECEPTOR: SCHOOL

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

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LAND USE MAP

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FIGURE
3

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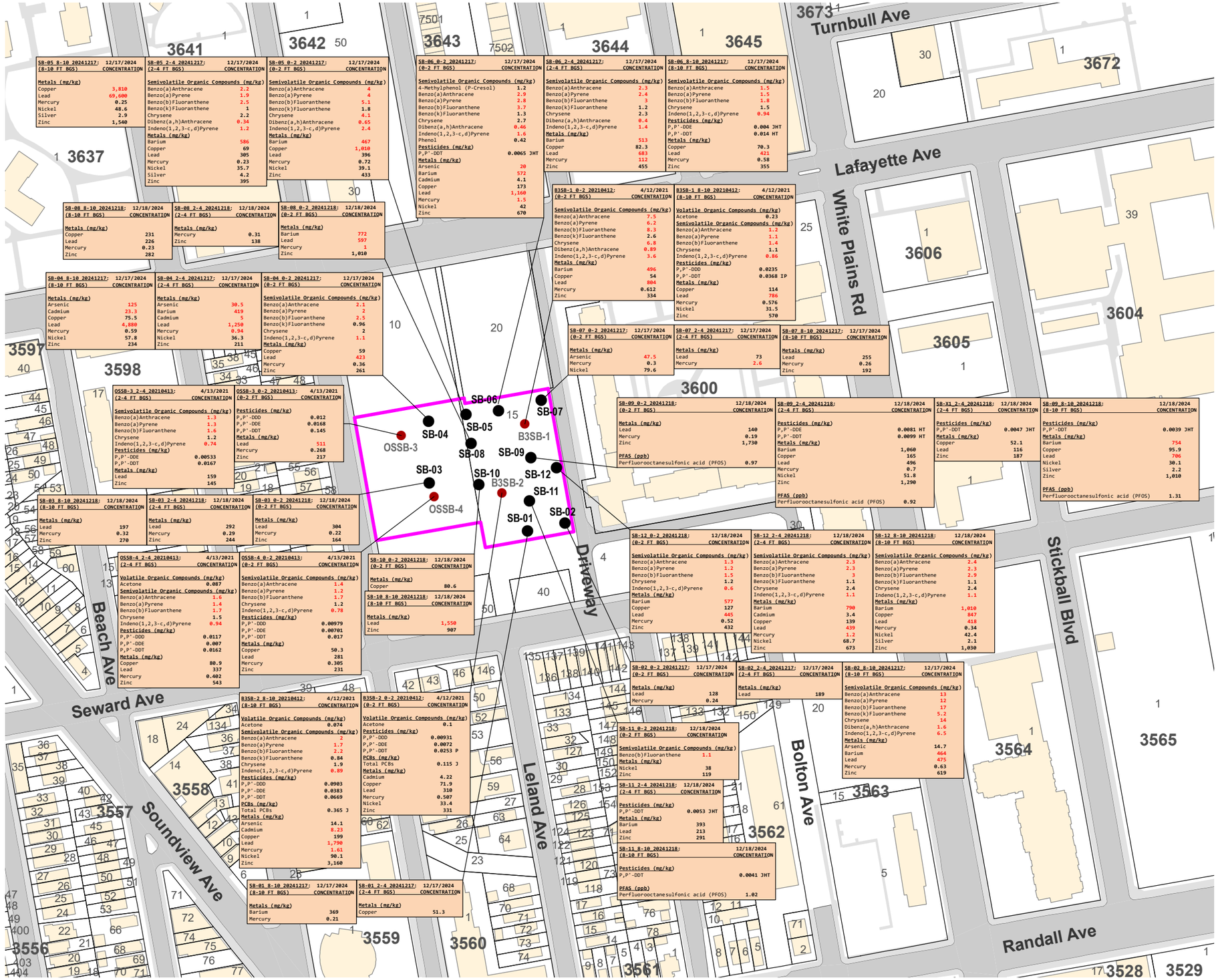


LEGEND

- BCP SITE BOUNDARY
- 4 — LOT BOUNDARY AND TAX LOT NUMBER
- 3600 — TAX BLOCK NUMBER
- BUILDING
- AKRF SUBSURFACE INVESTIGATION SOIL BORING LOCATION (DECEMBER 2024)
- IEC PHASE II SOIL BORING LOCATION (APRIL 2021)

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

UUGV/RRGV. - Guidance Value for Unrestricted and Restricted Residential Use listed in New York State Department of Environmental Conservation (NYSDEC) "Sampling, Analysis, and Assessment of PFAS", June 2021.

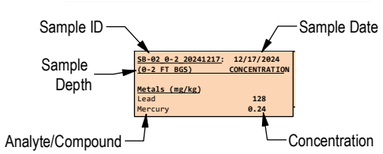
Exceedances of NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and UUGVs are presented in bold font. Exceedances of NYSDEC Restricted Residential Soil Cleanup Objectives (RRSCOs) are presented in red.

H: Sample result is estimated and biased high.
J: Value is estimated.
T: Indicates that a quality control parameter has exceeded laboratory limits

mg/kg:milligrams per kilogram = parts per million (ppm)
ppb = parts per billion
PFAS: Polyfluoroalkyl Substances

	RRSCO mg/kg	UUSCO mg/kg
Semivolatile Organic Compounds		
4-Methylphenol (P-Cresol)	100	0.33
Benzo(a)Anthracene	1	1
Benzo(a)Pyrene	1	1
Benzo(b)Fluoranthene	1	1
Benzo(k)Fluoranthene	3.9	0.8
Chrysene	3.9	1
Dibenz(a,h)Anthracene	0.33	0.33
Indeno(1,2,3-c,d)Pyrene	0.5	0.5
Phenol	100	0.33
Metals		
Acetone	100	0.05
Arsenic	16	13
Barium	400	350
Cadmium	4.3	2.5
Copper	270	50
Lead	400	63
Mercury	0.81	0.18
Nickel	310	30
Silver	180	2
Zinc	10000	109
Pesticides		
P,P'-DDD	13	0.0033
P,P'-DDE	8.9	0.0033
P,P'-DDT	7.9	0.0033

	UUGV ppb	RRGV ppb
PFAS		
Perfluorooctanesulfonic acid (PFOS)	0.88	44



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Map Source:
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©2025 AKRF Q:\Projects\240663 - STEVENSON COMMONS B3\Technical\GIS and Graphics\SAR\RIWP\240663 Fig 4 Historical Soil Sample Concentrations Above NYSDEC UUSCOs and RRSCOs.mxd 7/22/2025 4:21:52 PM mvelleux

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HISTORICAL SOIL SAMPLE CONCENTRATIONS ABOVE NYSDEC UUSCOS AND RRSCOS

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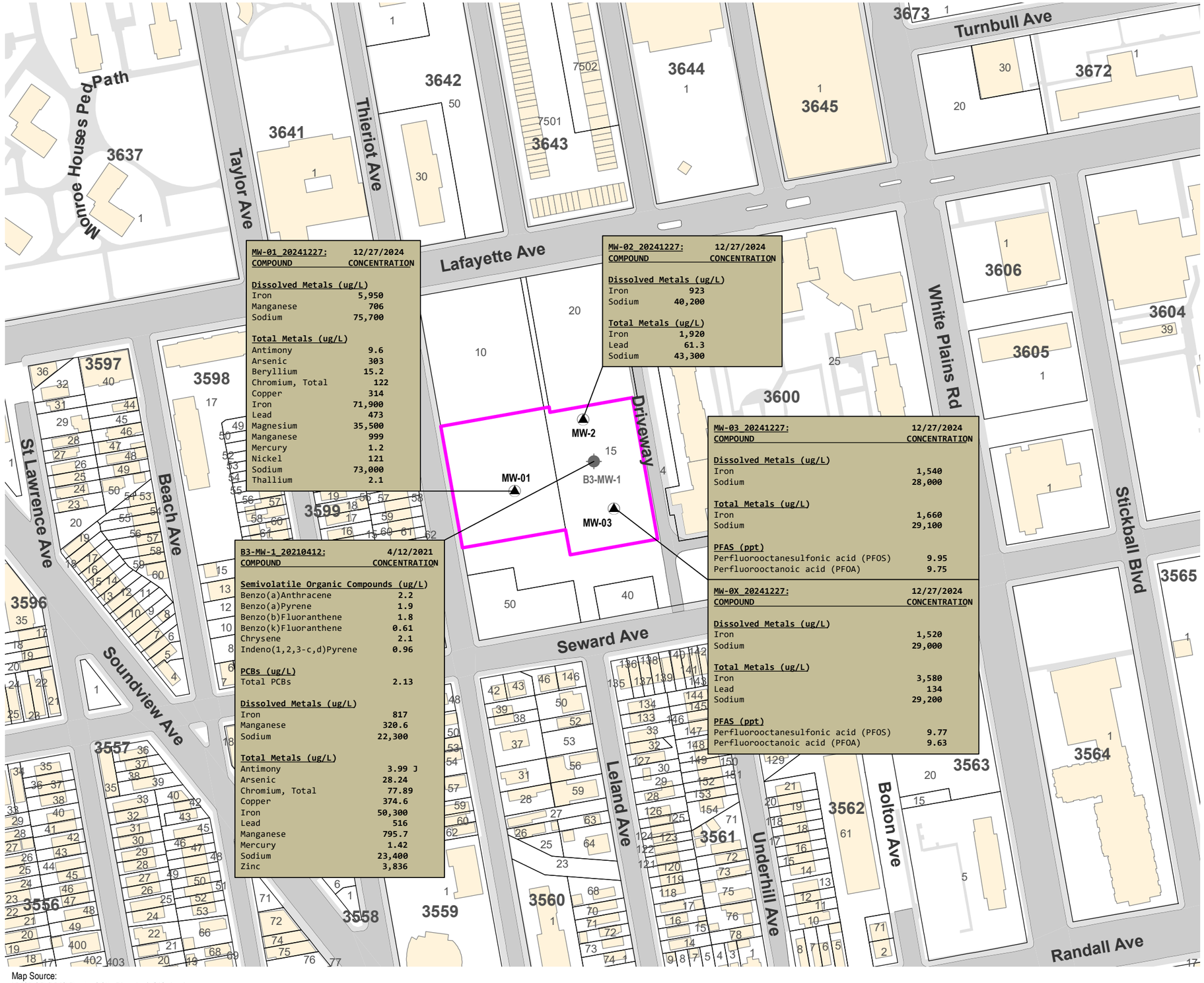
FIGURE
4



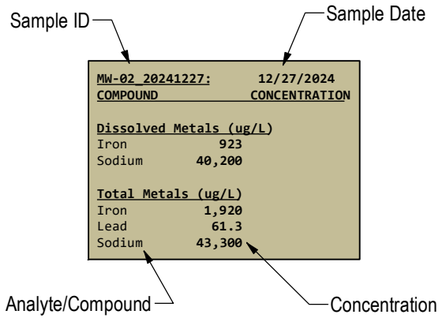
Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

LEGEND

- BCP SITE BOUNDARY
- 4 — LOT BOUNDARY AND TAX LOT NUMBER
- 3600 — TAX BLOCK NUMBER
- BUILDING
- AKRF SUBSURFACE INVESTIGATION MONITORING WELL LOCATION (DECEMBER 2024)
- IEC PHASE II MONITORING WELL LOCATION (APRIL 2021)

NOTES:
MW-0X_20241227 groundwater sample is a duplicate smple of MW-03_20241227.

	NYSDEC AWQSGVs ppt	NYSDEC AWQSGVs ug/l
Metals		
Antimony		3
Arsenic		25
Beryllium		3
Chromium, Total		50
Copper		200
Iron		300
Lead		25
Magnesium		35000
Manganese		300
Mercury		0.7
Nickel		100
Sodium		20000
Thallium		0.5
Zinc		2000
PCBs		
Total PCBs		0.09
PFAS		
Perfluorooctanesulfonic acid (PFOS)	2.7	
Perfluorooctanoic acid (PFOA)	6.7	



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HISTORICAL GROUNDWATER CONCENTRATIONS ABOVE NYSDEC AWQSGVS

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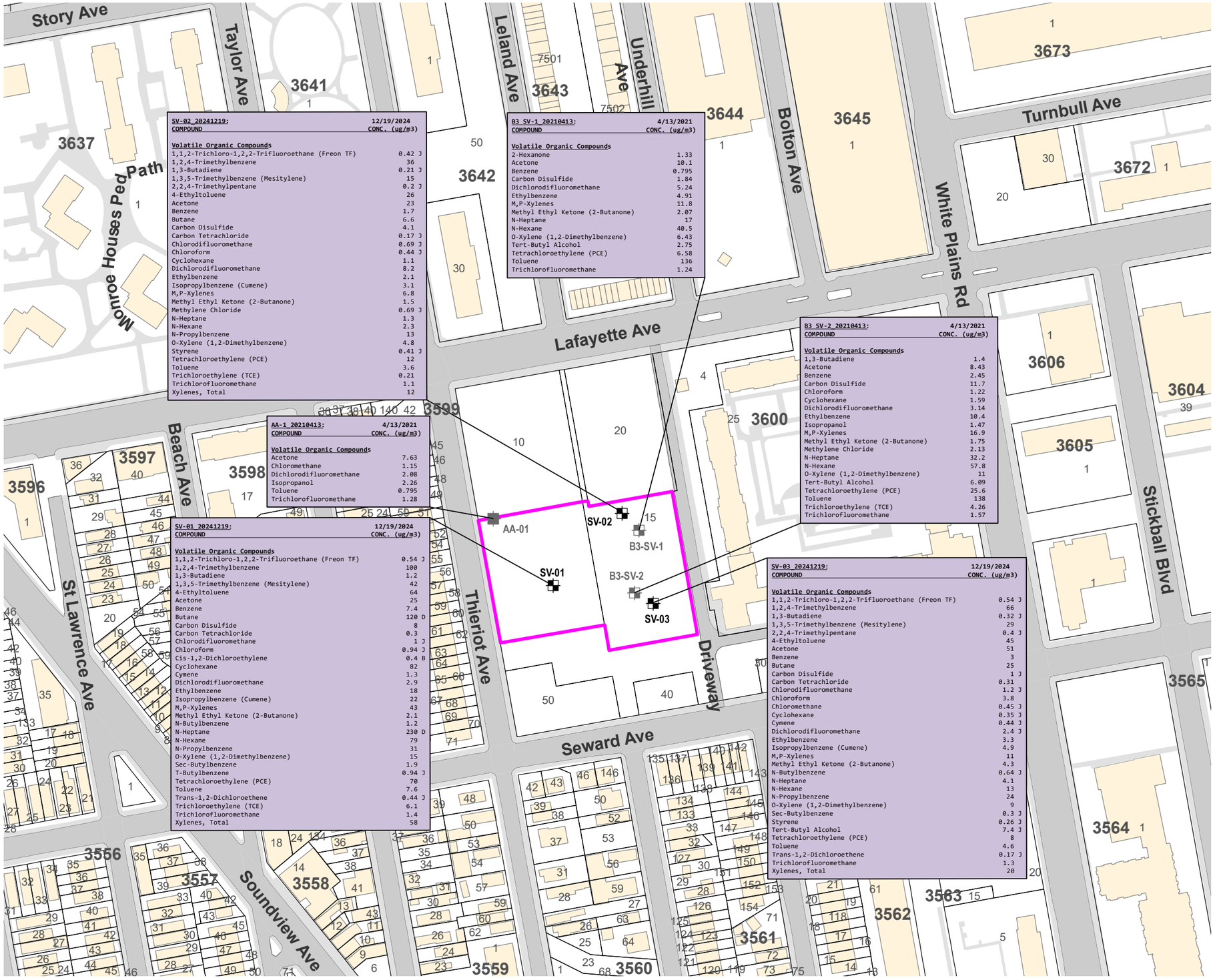
FIGURE
5

©2025 AKRF Q:\Projects\240663 - STEVENSON COMMONS B3\Technical\GIS and Graphics\SAR\RIWP\240663 Fig 5 Historical Groundwater Concentrations Above NYSDEC AWQSGVs.mxd 7/22/2025 4:39:49 PM mveilleux



SV-02_20241219: 12/19/2024

COMPOUND	CONC. (ug/m3)
Volatile Organic Compounds	
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.42 J
1,2,4-Trimethylbenzene	36
1,3-Butadiene	0.21 J
1,3,5-Trimethylbenzene (Mesitylene)	15
2,2,4-Trimethylpentane	0.2 J
4-Ethyltoluene	26
Acetone	23
Benzene	1.7
Butane	6.6
Carbon Disulfide	4.1
Carbon Tetrachloride	0.17 J
Chlorodifluoromethane	0.69 J
Chloroform	0.44 J
Cyclohexane	1.1
Dichlorodifluoromethane	8.2
Ethylbenzene	2.1
Isopropylbenzene (Cumene)	3.1
M,P-Xylenes	6.8
Methyl Ethyl Ketone (2-Butanone)	1.5
Methylene Chloride	0.69 J
N-Heptane	1.3
N-Hexane	2.3
N-Propylbenzene	13
O-Xylene (1,2-Dimethylbenzene)	4.8
Styrene	0.41 J
Tetrachloroethylene (PCE)	12
Toluene	3.6
Trichloroethylene (TCE)	0.21
Trichlorofluoromethane	1.1
Xylenes, Total	12

B3_SV-1_20210413: 4/13/2021

COMPOUND	CONC. (ug/m3)
Volatile Organic Compounds	
2-Hexanone	1.33
Acetone	10.1
Benzene	0.795
Carbon Disulfide	1.84
Dichlorodifluoromethane	5.24
Ethylbenzene	4.91
M,P-Xylenes	11.8
Methyl Ethyl Ketone (2-Butanone)	2.07
N-Heptane	17
N-Hexane	40.5
O-Xylene (1,2-Dimethylbenzene)	6.43
Tert-Butyl Alcohol	2.75
Tetrachloroethylene (PCE)	6.58
Toluene	136
Trichlorofluoromethane	1.24

B3_SV-2_20210413: 4/13/2021

COMPOUND	CONC. (ug/m3)
Volatile Organic Compounds	
1,3-Butadiene	1.4
Acetone	8.43
Benzene	2.45
Carbon Disulfide	11.7
Chloroform	1.22
Cyclohexane	1.59
Dichlorodifluoromethane	3.14
Ethylbenzene	10.4
Isopropanol	1.47
M,P-Xylenes	16.9
Methyl Ethyl Ketone (2-Butanone)	1.75
Methylene Chloride	2.13
N-Heptane	32.2
N-Hexane	57.8
O-Xylene (1,2-Dimethylbenzene)	11
Tert-Butyl Alcohol	6.09
Tetrachloroethylene (PCE)	25.6
Toluene	138
Trichloroethylene (TCE)	4.26
Trichlorofluoromethane	1.57

AA-1_20210413: 4/13/2021

COMPOUND	CONC. (ug/m3)
Volatile Organic Compounds	
Acetone	7.63
Chloromethane	1.15
Dichlorodifluoromethane	2.08
Isopropanol	2.26
Toluene	0.795
Trichlorofluoromethane	1.28

SV-01_20241219: 12/19/2024

COMPOUND	CONC. (ug/m3)
Volatile Organic Compounds	
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.54 J
1,2,4-Trimethylbenzene	100
1,3-Butadiene	1.2
1,3,5-Trimethylbenzene (Mesitylene)	42
4-Ethyltoluene	64
Acetone	25
Benzene	7.4
Butane	120 D
Carbon Disulfide	8
Carbon Tetrachloride	0.3
Chlorodifluoromethane	1 J
Chloroform	0.94 J
Cis-1,2-Dichloroethylene	0.4 B
Cyclohexane	82
Cymene	1.3
Dichlorodifluoromethane	2.9
Ethylbenzene	18
Isopropylbenzene (Cumene)	22
M,P-Xylenes	43
Methyl Ethyl Ketone (2-Butanone)	2.1
N-Butylbenzene	1.2
N-Heptane	230 D
N-Hexane	79
N-Propylbenzene	31
O-Xylene (1,2-Dimethylbenzene)	15
Sec-Butylbenzene	1.9
T-Butylbenzene	0.94 J
Tetrachloroethylene (PCE)	70
Toluene	7.6
Trans-1,2-Dichloroethene	0.44 J
Trichloroethylene (TCE)	6.1
Trichlorofluoromethane	1.4
Xylenes, Total	58

SV-03_20241219: 12/19/2024

COMPOUND	CONC. (ug/m3)
Volatile Organic Compounds	
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.54 J
1,2,4-Trimethylbenzene	66
1,3-Butadiene	0.32 J
1,3,5-Trimethylbenzene (Mesitylene)	29
2,2,4-Trimethylpentane	0.4 J
4-Ethyltoluene	45
Acetone	51
Benzene	3
Butane	25
Carbon Disulfide	1 J
Carbon Tetrachloride	0.31
Chlorodifluoromethane	1.2 J
Chloroform	3.8
Chloromethane	0.45 J
Cyclohexane	0.35 J
Cymene	0.44 J
Dichlorodifluoromethane	2.4 J
Ethylbenzene	3.3
Isopropylbenzene (Cumene)	4.9
M,P-Xylenes	11
Methyl Ethyl Ketone (2-Butanone)	4.3
N-Butylbenzene	0.64 J
N-Heptane	4.1
N-Hexane	13
N-Propylbenzene	24
O-Xylene (1,2-Dimethylbenzene)	9
Sec-Butylbenzene	0.3 J
Styrene	0.26 J
Tert-Butyl Alcohol	7.4 J
Tetrachloroethylene (PCE)	8
Toluene	4.6
Trans-1,2-Dichloroethene	0.17 J
Trichlorofluoromethane	1.3
Xylenes, Total	20

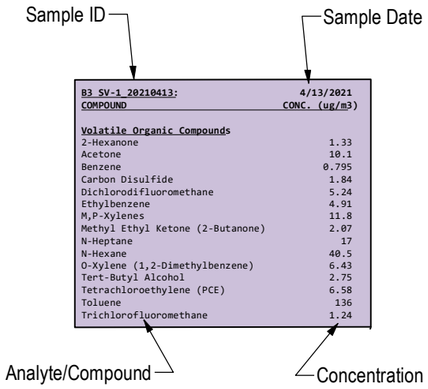
LEGEND

- BCP SITE BOUNDARY
- 4 — LOT BOUNDARY AND TAX LOT NUMBER
- 3600 — TAX BLOCK NUMBER
- BUILDING
- AKRF SUBSURFACE INVESTIGATION SOIL VAPOR SAMPLE LOCATION (DECEMBER 2024)
- IEC PHASE II SOIL VAOPOR SAMPLE LOCATION (APRIL 2021)
- IEC PHASE II AMBIENT AIR SAMPLE LOCATION (APRIL 2021)

SOIL VAPOR

B: Indicates the analyte is detected in the associated blank as well as in the sample.
D: Analyte concentration obtained from dilution.
J: The concentration given is an estimated value.

µg/m³ - micrograms per cubic meter



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

©2025 AKRF Q:\Projects\240663 - STEVENSON COMMONS B3\Technical\GIS and Graphics\SAR\R\WP\240663 Fig 6 Historical Soil Vapor Concentrations.mxd7/22/2025 5:18:00 PM mveilleux

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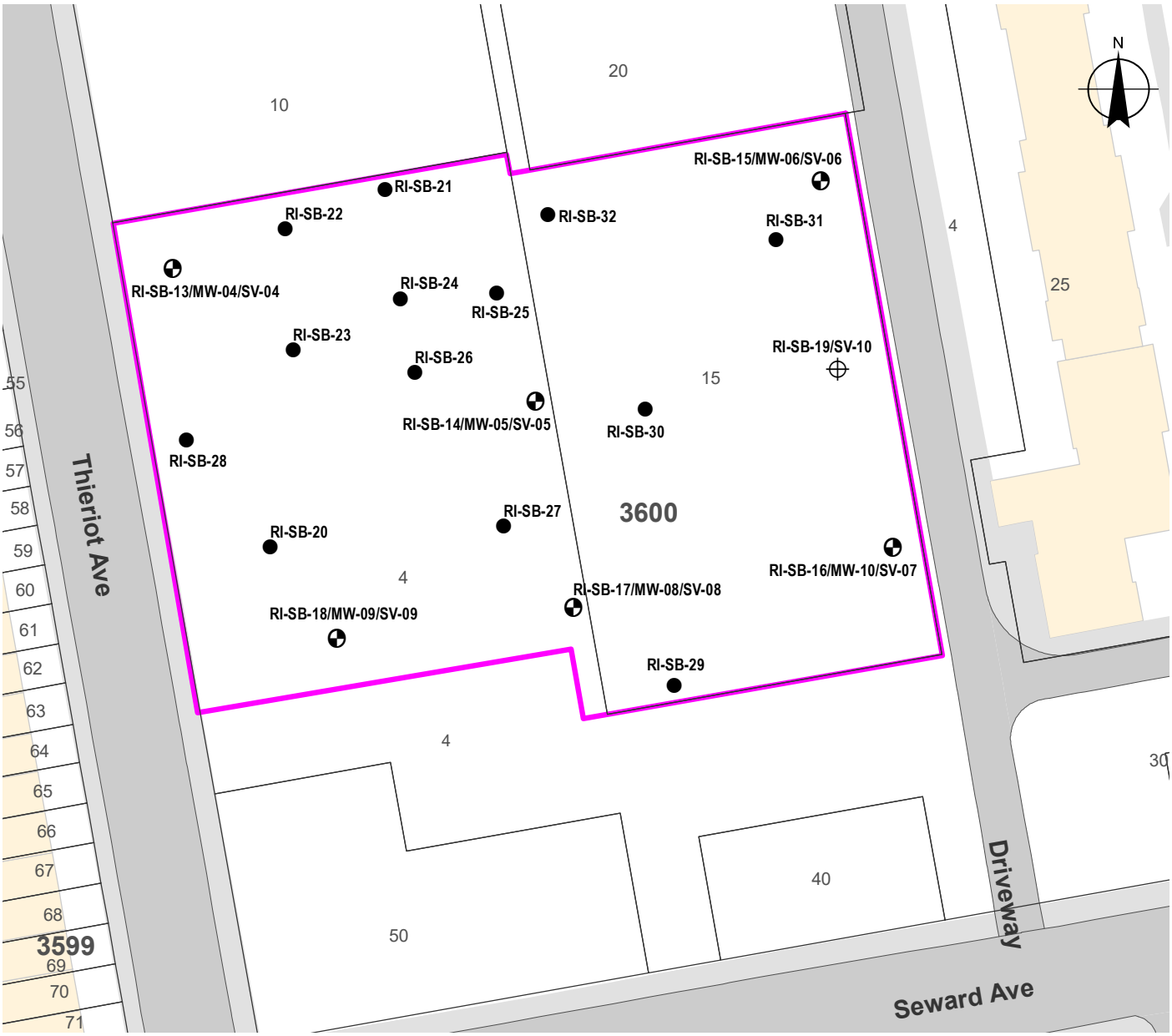
HISTORICAL SOIL VAPOR CONCENTRATIONS

DATE
7/22/2025

PROJECT NO.
240663

FIGURE
6



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

LEGEND

- BCP SITE BOUNDARY
- 3600 — BLOCK NUMBER
- 15 — LOT BOUNDARY AND TAX LOT NUMBER
- BUILDING
- PROPOSED SOIL BORING LOCATION
- PROPOSED SOIL BORING/SOIL VAPOR SAMPLE LOCATION
- PROPOSED SOIL BORING/MONITORING WELL/SOIL VAPOR SAMPLE LOCATION

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PROPOSED SAMPLING LOCATIONS

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FIGURE
7

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APPENDIX A
QUALITY ASSURANCE PROJECT PLAN

STEVENSONS COMMONS B3

1850 LAFAYETTE AVENUE
BRONX, NEW YORK

Quality Assurance Project Plan

BCP Site No.: C203189
AKRF Project Number: 240663

Prepared for:

NYSDEC Region 2
1 Hunter's Point Plaza
47-40 21st Street
Long Island City, New York 11101

On Behalf Of:

Stevenson B3 LLC
116 East 27th Street, 11th Floor
New York, NY 10016

Prepared by:

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, New York 10016
212-696-0670

JULY 2025

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Table 2 – Laboratory Analytical Methods for Analysis Groups
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ATTACHMENTS

Attachment A – Resumes for Remedial Engineer, Quality Assurance/Quality Control (QA/QC) Officer, Project Manager, Alternate Project Manager, Site Safety Officer (SSO), Laboratory QA/QC Officer and Laboratory Data Validator
Attachment B – NYSDEC Revised Sampling Protocol for Emerging Contaminants
Attachment C – Soil Gas Purge Volume Calculations

1.0 INTRODUCTION

This Quality Assurance Project Plan (QAPP) describes the protocols and procedures that will be followed during implementation of all environmental sampling, including under the Remedial Investigation (RI) Work Plan (RIWP), at the Stevensons Commons B3 site located at 1850 Lafayette Avenue in the Clason Point neighborhood of the Bronx, New York (the Site). The Site—which is also defined as Bronx Borough Tax Block 3600, portions of Lots 4 and 15—currently consists of a vacant field with overgrown vegetation enclosed by fencing. A Site Location Plan is provided as Figure 1 in the RIWP.

The objective of this QAPP is to provide for Quality Assurance (QA) and maintain Quality Control (QC) of environmental investigative, sampling, and remedial activities conducted under the New York State Department of Environmental Conservation (NYSDEC) oversight in the Brownfield Cleanup Program (BCP) (BCP Site No. C203189). Adherence to the QAPP will ensure that defensible data will be obtained during all environmental work at the Site.

2.0 PROJECT TEAM

The project team will be drawn from AKRF professional and technical personnel, and AKRF's subcontractors. All field personnel and subcontractors will have completed a 40-hour training course and updated 8-hour refresher course that meet the Occupational Safety and Health Administration (OSHA) requirements of 29 Code of Federal Regulations (CFR) Part 1910. The following sections describe the key project personnel and their responsibilities.

2.1 Remedial Engineer

The remedial engineer will be responsible for oversight of the design of all Institutional Controls (ICs) and Engineering Controls (ECs) at the Site. Rebecca Kinal will serve as the remedial engineer for the RIWP. Ms. Kinal's resume is included in Attachment A.

2.2 Quality Assurance/ Quality Control (QA/QC) Officer

Deborah Shapiro will serve as the QA/QC officer and will be responsible for adherence to the QAPP. The QA/QC officer will review the procedures with all personnel prior to commencing any fieldwork and will conduct periodic Site visits to assess implementation of the procedures. The QA/QC officer will also be responsible for reviewing the Data Usability Summary Reports (DUSRs) for all analytical results. Ms. Shapiro's resume is included in Attachment A.

2.3 Project Manager

The project manager will be responsible for directing and coordinating all elements of the RIWP. The project manager will prepare reports and participate in meetings with the Site owner/Volunteer and/or NYSDEC. Mark Jepsen will serve as the project manager for the RIWP. Mr. Jepsen's resume is included in Attachment A.

2.4 Alternate Project Manager

The deputy project manager will be responsible for assisting the project manager. The deputy project manager will help manage tasks and prepare reports, and will participate in meetings with the Site owner/Volunteer and/or the NYSDEC. Tim Larigan will serve as the deputy project manager for the RIWP. Mr. Larigan's resume is included in Attachment A.

2.5 Site Safety Officer (SSO)

The SSO will be responsible for supervising the daily sampling and health and safety activities in the field and will ensure adherence to the work plan and Health and Safety Plan (HASP), included as Appendix B of the RIWP. They will report to the project manager or alternate project manager on a regular basis regarding daily progress and any deviations from the work plan. The SSO will be a qualified and responsible person able to act professionally and promptly during environmental work at the Site. Chad Walters will act as the SSO. Mr. Walters' resume is included in Attachment A.

2.6 Laboratory QA/QC Officer

The laboratory QA/QC officer will be responsible for quality control procedures and checks in the laboratory and ensuring adherence to laboratory protocols. The QA/QC officer will track the movement of samples from the time they are checked in at the laboratory to the time that analytical results are issued, and will conduct a final check on the analytical calculations and sign off on the laboratory reports. The laboratory QA/QC officer will be Carl Armbruster of Eurofins Environmental Testing Laboratories (Eurofins), a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP)-certified laboratory being

employed for all environmental sampling at the Site. Mr. Armbruster's resume is included in Attachment A.

2.7 Laboratory Data Validator

The laboratory data validator will be responsible for third party data validation and preparation of DUSRs. The third-party laboratory data validator will be Lori Beyer of L.A.B. Validation Corp. Ms. Beyer's resume is included in Attachment A.

3.0 STANDARD OPERATING PROCEDURES (SOPS)

The following sections describe the standard operating procedures (SOPs) for the investigation activities included in the RIWP. During these operations, safety monitoring will be performed as described in the HASP, included as Appendix B of the RIWP.

3.1 Soil Borings and Soil Sampling

A Geoprobe® direct-push probe (DPP) drill rig will be used to advance the soil borings. The RIWP includes the advancement of 20 soil borings (RI-SB-13 through RI-SB-32) to characterize subsurface soils and collect soil samples for laboratory analysis. Figure 7 in the RIWP depicts the soil boring locations.

Soil samples will be collected continuously to the boring terminus, which is the groundwater table, expected at approximately 11 feet below grade surface (bgs). Soil cores will be collected using stainless steel macrocore piston rod samplers fitted with internal acetate liners. Soil samples will be inspected and logged by AKRF field personnel, as described in Section 4.1.

At boring locations RI-SB-13 through RI-SB-30, grab samples will be collected from the surface (i.e., 0 to 0.5 feet bgs), every 2-foot interval from just below surface grade to the groundwater table (i.e., 0.5 to 2 feet bgs, 2 to 4 feet bgs, 4 to 6 feet bgs, 6 to 8 feet bgs, and 8 to 10 feet bgs), and at the boring termination depth (if deeper than 10 feet), or bottom of contamination (if present). At boring location RI-SB-31, one grab sample will be collected from each of the following intervals: 0 to 0.5 feet bgs, 2 to 4 feet bgs, 4 to 6 feet bgs, 6 to 8 feet bgs, and 8 to 10 feet bgs. At boring location RI-SB-32, one grab sample will be collected each of the following intervals: 0 to 0.5 feet bgs, 4 to 6 feet bgs, 6 to 8 feet bgs, and 8-10 feet bgs. All sampling equipment (e.g., drilling rods and casings, macro core samplers, and probe rods) will be either dedicated or decontaminated between sampling locations in accordance with Section 3.4 of this document.

Soil samples slated for laboratory analysis will be labeled, placed in laboratory-supplied containers, and shipped to a NYSDOH ELAP-certified laboratory via courier with appropriate chain of custody documentation in accordance with EPA protocols. The 0- to 2-foot and 8- to 10-foot bgs intervals at locations RI-SB-13 through RI-SB-21 and RI-SB-26 through RI-SB-29, and the 13- to 15-foot bgs intervals at locations RI-SB-13 through RI-SB-18 will be analyzed for the target compound list (TCL) and Part 375 VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, PCBs by EPA Method 8082, and pesticides by EPA Method 8081; the total analyte list (TAL) of metals by EPA Method 6000/7000 series plus mercury by EPA Method 7471B and hexavalent chromium by EPA Method 7196A; and per- and polyfluoroalkyl substances (PFAS) by EPA Method 1633A (full NYSDEC Part 375 suite of analyses). The remaining samples will be analyzed for a limited set of analyses based on the contamination identified during previous subsurface investigations conducted in 2021 and 2024, including PAHs by EPA Method 8270E, TAL metals by EPA Method 6000/7000 series plus mercury by EPA Method 7471B and hexavalent chromium by EPA Method 7196A, and PFAS by EPA Method 1633A. All samples will be collected for Toxicity Characteristic Leaching Procedure (TCLP) metals; however, these analyses are to be on hold pending the analytical results for total metals. All laboratory analytical results will be reported using Category B deliverables.

Each soil boring location will be identified by a handheld global positioning system (GPS) unit and surveyed by a licensed surveyor. All investigation derived waste (IDW) associated with the drilling of soil borings will be managed as described in Section 3.5.

3.2 Groundwater Monitoring Well Installation and Development

Six soil boring locations will be converted into monitoring wells (RI-MW-04 through RI-MW-09). The six wells will be screened across the groundwater table, which is expected to be encountered at approximately 11 feet bgs. Each well will be constructed with 10 feet of 0.020-inch slotted polyvinyl chloride (PVC) well screen. A No. 2 Morie sand pack will be installed from the bottom of each well to approximately two feet above the well screen, followed by two feet of hydrated bentonite. The remaining annular space around the well will be filled with bentonite-cement grout to approximately 0.5 feet bgs. The wells will be finished with locking j-plugs, flush-mount well caps, and a concrete pad. The proposed monitoring well locations are shown on Figure 7 of the RIWP.

Following installation, the permanent wells will be developed via pumping and surging to remove any accumulated fines and establish a hydraulic connection with the surrounding aquifer. Development will continue until turbidity within the permanent well is less than 50 nephelometric turbidity units (NTUs) for three successive readings, and until water quality indicators have stabilized to within 10 percent for pH, temperature, and specific conductivity for three successive readings. In the event that 50 NTUs cannot be achieved after a significant period of time, the wells will be developed until at least three well volumes have been purged. Well development details will be noted on field logs. Purge water needing to be managed will be containerized in properly labeled, Department of Transportation (DOT)-approved 55-gallon drums for future off-site disposal at a state-permitted facility.

3.3 Soil Vapor Point Installation

Seven temporary soil vapor points will be installed to a depth of approximately 8 feet bgs, and seven soil vapor samples will be collected using a stainless steel probe consisting of a drive point and internal perforated sampling port with a retractable tip connected to Teflon sampling tubing. The sampling tubing will extend from the sampling port through a drive casing to above grade. Collectively, the retractable tip, sampling port, and sampling tube are referred to as the "soil vapor sampler."

The soil vapor sampler will be installed using the following procedures:

1. Prepare the sampling point location by drilling with a 2-inch-diameter drill bit.
2. Attach new, clean $^{3}/_{16}$-inch inside diameter Teflon tubing to the sampling probe.
3. Drive the sampling probe and attached tubing to a depth of 8 feet below grade.
4. Backfill the soil vapor sampler with 8 feet of clean sand filter pack to prevent intake clogging.
5. Retract the drive casing to expose the perforated sampling port.
6. Seal the gap between the foundation slab and tubing with hydrated bentonite.
7. Record total depths (interval below grade) to which the probe is advanced and withdrawn for sample collection.

3.4 Decontamination of Sampling Equipment

All sampling equipment (augers, drilling rods, split spoon samplers, probe rods, pumps, etc.) will be either dedicated or decontaminated between sampling locations. Decontamination will be conducted on plastic sheeting (or equivalent) that is bermed to prevent discharge to the ground. The decontamination procedure will be as follows:

1. Scrub using a tap water/Alconox® mixture and bristle brush.

2. Rinse with tap water.
3. Scrub again with a tap water/Alconox® mixture and bristle brush.
4. Rinse with tap water.
5. Rinse with distilled water.
6. Air-dry the equipment, if possible.

3.5 Management of Investigation Derived Waste (IDW)

IDW will be containerized in DOT-approved 55-gallon drums during the investigation activities. The drums will be sealed at the end of each workday and labeled with the date, the boring location(s), the type of waste (i.e., drill cuttings), and the name and phone number of an AKRF point-of-contact; and will be stored with best management practices in mind (e.g., using secondary containment, covering with tarp to avoid exposure to elements, secure storage away from public). All IDW collected into drums will be sampled and disposed of or treated according to applicable local, state, and federal regulations.

4.0 SAMPLING AND LABORATORY PROCEDURES

4.1 Soil Sampling

Soil sampling will be conducted according to the following procedures:

- Characterize the sample according to the modified Burmister soil classification system.
- Describe any evidence of contamination (e.g., non-aqueous phase liquid (NAPL), staining, sheens, odors).
- Field screen the sample for evidence of contamination (e.g., odors, staining) using visual and olfactory methods and screen for VOCs using a photoionization detector (PID) calibrated each day in accordance with the manufacturer's instructions.
- Collect an aliquot of soil from each proposed sample location, place in laboratory-supplied glassware, label the sample in accordance with Section 4.6.1 of this QAPP, and place in an ice-filled cooler for shipment to the laboratory.
- Complete the proper chain of custody paperwork and seal the cooler.
- Record sample location, sample depth, and sample observations (evidence of contamination, PID readings, soil classification, etc.) in a field logbook and boring log data sheet, if applicable.
- Decontaminate any soil sampling equipment between sample locations as described in Section 3.4 of this QAPP.

4.2 Monitoring Well Sampling

Groundwater samples will be collected at least one week following well development. Low flow sampling techniques will be used, as described in EPA's Ground-Water Sampling Guidelines for Superfund and RCRA Project Managers (EPA 542-S-02-001), dated May 2002. The first full round of groundwater sampling indicated in the RIWP will include collection of samples for emerging contaminants (PFAS and 1,4-dioxane). Whenever emerging contaminants are included in the sampling scope, groundwater samples will be collected in accordance with NYSDEC's published protocols, including the acceptable/specific sampling materials, equipment, and QA/QC requirements. A copy of NYSDEC's protocol document is included in Attachment B. Sampling will be conducted according to the following procedures:

- Prepare the sampling area by placing plastic sheeting over the well. Cut a hole in the sheeting to provide access to the well cover.
- Slowly remove the locking cap and immediately measure the vapor concentrations in the well with a PID calibrated to the manufacturer's specifications.
- Measure the depth to water and total well depth, and check for the presence of NAPL using an oil/water interface probe. Measure the thickness of NAPL, if any, and record it in the field book and well log. Groundwater samples will not be collected from wells containing measurable NAPL.
- Use the water level and total well depth measurements to calculate the length of the mid-point of the water column within the screened interval. For example, for a well where the total depth is 20 feet, the screened interval is 10 to 20 feet, and depth to water is 14 feet, the mid-point of the water column within the screened interval would be 17 feet.
- Connect dedicated tubing to either a submersible bladder pump or a peristaltic pump, and lower the pump such that the intake of the pump is set at the mid-point of the water column

within the screened interval of the well. Connect the discharge end of the tubing to the flow-through cell of a YSI multi-parameter (or equivalent) meter. Connect tubing to the output of the cell and place the discharge end of the tubing in a five-gallon bucket. Since each on-site NAPL recovery well requires purging with a peristaltic pump, the 1-inch wells (existing and proposed) have a limited diameter for access, and a peristaltic pump has been used for all previous sampling events, AKRF recommends purging each well with a peristaltic pump for consistency. The peristaltic pump will allow for sample collection without the need for high density bladders when analyzing for emerging contaminants and minimize the potential for tainting the samples during collection.

- Activate the pump at the lowest flow rate setting.
- Measure the depth to water within the well. The pump flow rate may be increased such that the water level measurements do not change by more than 0.3 feet as compared to the initial static reading. The well-purging rate should be adjusted so as to produce a smooth, constant (laminar) flow rate and so as not to produce excessive turbulence in the well. The expected targeted purge rate will be approximately 0.5 liter and will be no greater than 3.8 liters/minute.
- During purging, collect periodic samples and analyze for water quality indicators (e.g., turbidity, pH, temperature, dissolved oxygen, reduction-oxidation potential, and specific conductivity) with measurements collected approximately every five minutes.
- Continue purging the well until turbidity is less than 50 NTU and water quality indicators have stabilized to the extent practicable. The criteria for stabilization will be three successive readings for the following parameters and criteria:

Table 1
Stabilization Criteria

Parameter	Stabilization Criteria
pH	+/- 0.1 pH units
Specific Conductance	+/- 3% mS/cm
ORP/Eh	+/- 10mV
Turbidity	<50 NTU
Dissolved Oxygen	+/- 0.3 mg/l

Notes: mS/cm = millisievert per centimeter
mV = millivolts
ORP/Eh = reduction-oxidation potential
NTU = nephthalometric turbidity units
mg/l = milligrams per liter

- If the water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging. Efforts to stabilize the water quality for the well must be recorded in the field book, and samples may then be collected as described herein.
- After purging, disconnect the tubing to the inlet of the flow-through cell. Collect groundwater samples directly from the discharge end of the tubing and place into the required sample containers, as described in Section 4.4 of this QAPP. Label the containers as described in Section 4.6.1 of this QAPP and place in a chilled cooler.
- Once sampling is complete, remove the pump and tubing from the well. Dispose of the sampling materials and personal protective equipment (PPE) in a designated 55-gallon drum. The purge water will be managed as described in Section 3.5 of this QAPP.

- Decontaminate the pump (where necessary), oil/water interface probe, and flow-through cell, as described in Section 3.4 of this QAPP.
- Record all measurements (depth to water, depth to NAPL, water quality parameters, turbidity), calculations (well volume), and observations in the project field book and field data sheet, if applicable.

4.3 Soil Vapor Sampling

The soil vapor sampling will be conducted during the normal eight-hour workday at the Site. Two-hour flow regulators will be used for the sampling. Soil vapor samples will be collected using the following procedures.

4.3.1 Sample Set-Up

1. Place a plastic shroud over the sampling point and pull the Teflon soil gas sampling tubing through the shroud to allow for sampling collection.
2. Insert new sample tubing into the shroud and connect the other end of the tubing to the helium tank.
3. Install a new flexible hose to a peristaltic pump and connect the Teflon sample tubing to the hose. Connect the other end (discharge end) of the flexible tubing to a 1-liter Tedlar bag. Purge the soil gas sampler of approximately three sampler volumes (3 liters) by activating the pump to fill the Tedlar bag to near capacity (see Attachment C for sampler volume calculations). The air withdrawal flow rate shall be 0.2 liter/minute or less.
4. During purging, a flow of helium gas will be introduced into the plastic shroud overlying the soil gas sampling point. The Tedlar bag will be analyzed in the field using a Marks Model 9822 helium detector to check for short-circuiting of outside air into the sampling port. If helium is detected at a concentration of greater than 10 percent, then the soil gas point will be resealed with hydrated bentonite. The point will then be retested to ensure that the helium concentration is less than 10 percent.
5. Disconnect the sample tubing from the peristaltic pump and connect it to the inlet of a labeled 1-liter SUMMA® canister.
6. Repeat this procedure for all sampling locations.

4.3.2 Sample Collection

1. After the SUMMA® canisters are set up at all of the sampling locations, record the vacuum reading from the vacuum gauge on each canister at the beginning of the two-hour sampling period. Open the valve of the canister and record the time in the field book.
2. At the end of the two-hour sampling period, close the valve, remove the flow-rate controllers and vacuum gauges, install caps on canisters, and record the time at the end of the sampling period.
3. Place canisters in shipping containers for transportation to the laboratory.
4. Repeat this procedure for all sampling locations.

4.4 Laboratory Methods

Table 2 summarizes the laboratory methods that will be used to analyze field samples and the sample container type, preservation, and applicable holding times. Eurofins of Edison, New

Jersey, a NYSDOH ELAP-certified laboratory subcontracted to AKRF, will be used for all chemical analyses in accordance with the NYSDEC Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10) Sections 2.1(b) and 2.1(f) with Category B Deliverables. Eurofins will achieve a minimum detection limit of 0.28 microgram per liter (µg/L) for 1,4-dioxane and 2 nanograms per liter (ng/L) for the standard list of 40 PFAS compounds.

Table 2
Laboratory Analytical Methods for Analysis Groups

Matrix	Analysis	EPA Method	Bottle Type	Preservative	Hold Time
Soil	VOCs	8260C	EnCore samplers (3) and 2 oz. plastic jar	≤ 6 ºC	48 hours to extract, 14 days to analyze
	SVOCs	8270D	8 oz. Glass Jar	≤ 6 ºC	14 days to extract, 40 days to analyze
	TAL metals, mercury, and hexavalent chromium	6000/7000 Series, 7470A, and 7196A	8 oz. Glass Jar	≤ 6 ºC	6 months holding time; mercury 28 days holding time; hexavalent chromium 30 days to extract, 7 days to analyze
	pesticides	8081B	8 oz. Glass Jar	≤ 6 ºC	14 days to extract, 40 days to analyze
	PCBs	8082A	8 oz. Glass Jar	≤ 6º C	14 days to extract, 40 days to analyze
	1,4-Dioxane	8270D	4 oz. Glass Jar	≤ 6º C	14 days to extract, 40 days to analyze
	PFAS	1633A	4 oz. HDPE Plastic Jar	≤ 6º C	14 days to extract, 40 days to analyze
	TCLP Metals	6020B and 7196B	8 oz. Glass Jar	≤ 6º C	14 days to analyze
Groundwater	VOCs	8260C	3 40 mL Glass Vials	HCl to pH < 2 and ≤ 6 ºC	48 hours to extract, 14 days to analyze
	Pesticides	8081B	6 250 mL Amber Glass	≤ 6º C	7 days to extract, 40 days to analyze
	PCBs	8082A	6 250 mL Amber Glass	≤ 6º C	7 days to extract, 40 days to analyze
	TAL Metals	6000/7000 Series and 7470A	250 mL Plastic Bottle	≤ 6º C	6 months for metals; 28 days for mercury; 24 hours for hexavalent chromium
	1,4-Dioxane	8270D - Selective Ion Monitoring (SIM)	2 x 250 mL amber bottles	≤ 6 ºC	7 days to extract, 40 days to analyze
	SVOCs	8270D	2,000 mL Amber Jar	≤ 6 ºC	7 days to extract, 40 days to analyze
	PFAS	1633A	2 x 250 mL plastic HDPE bottles (no Teflon)	≤ 6 ºC,	14 days to extract, 28 days to analyze
Soil Vapor	VOCs	TO-15	6L SUMMA® Canister	None	14 days

Notes:
EPA - Environmental Protection Agency
RCRA – Resource Conservation and Recovery Act
HDPE – High Density Polyethylene

4.5 Quality Control (QC) Sampling

In addition to the laboratory analysis of the soil samples, additional analysis will be included for QC measures, as required by the Category B sampling techniques, including field blank, trip blank, matrix spike/matrix spike duplicate (MS/MSD), and blind duplicate samples at a frequency of one sample per 20 field samples collected or per sample delivery group (SDG). QC samples will be analyzed for the same parameters as the accompanying samples, with the exception of trip blanks, which will be analyzed for the VOC list only.

4.6 Sample Handling

4.6.1 Sample Identification

All samples will be consistently identified in all field documentation, chain of custody documents, and laboratory reports. All samples will be amended with a collection date at the end of the sample in a year, month, day (YYYYMMDD) format. Blind duplicate sample nomenclature will consist of the sample type, followed by an "X"; MS/MSD samples nomenclature will consist of the parent sample name, followed by "MS/MSD"; and trip and field blanks will consist of "TB-" and "FB-", respectively, followed by a sequential number of the trip/field blanks collected within the SDG. Special characters, including primes/apostrophes (’), will not be used for sample nomenclature.

Soil and groundwater samples collected during the RI will be identified with "RI-SB-" for soil borings, "RI-MW-" for groundwater monitoring wells, or "RI-SV-" for soil vapor sampling locations, followed by the soil boring, groundwater monitoring well, or soil vapor number. Soil samples will also be amended with the sample collection depth interval in parentheses. Table 3 provides examples of the sampling identification scheme for samples collected during the investigation.

Table 3
RI Sample Nomenclature

Sample Description	Sample Designation
Groundwater sample collected from groundwater monitoring well RI-MW-07 on June 1, 2025	RI-MW-07_20250801
Blind duplicate sample of groundwater sample collected from groundwater monitoring well RI-MW-07 on June 1, 2025	RI-MW-X_20250801
Second trip blank collected on June 7, 2025	TB-02_20250807
Second field blank collected on June 7, 2025	FB-02_20250807
Soil sample collected from soil boring RI-SB-33 between 2 and 4 feet bgs on June 1, 2025	RI-SB-33 _2-4_20250801
Blind duplicate sample of soil sample collected from soil boring RI-SB-33 between 2 and 4 feet bgs on June 1, 2025	RI-SB-X _2-4_20250801
Second blind duplicate soil sample collected from soil boring RI-SB-33 between 2 to 4 feet bgs on June 3, 2025	RI-SB-X2_2-4_20250803
Soil vapor sample collected from soil vapor point RI-SV-04 on June 2, 2025	RI-SV-04_20250802

4.7 Field Instrumentation

Field personnel will be trained in the proper operation of all field instruments at the start of the field program. Instruction manuals for the equipment will be on file at the Site for referencing proper operation, maintenance, and calibration procedures. The equipment will be calibrated according to manufacturer specifications at the start of each day of fieldwork. If an instrument fails calibration, the project manager or QA/QC officer will be contacted immediately to obtain a replacement instrument. A calibration log will be maintained to record the date of each calibration, any failure to calibrate, and corrective actions taken. The PID will be equipped with a 10.6 electron volt (eV) lamp and will be calibrated each day using 100 parts per million (ppm) isobutylene standard gas in accordance with the manufacturer's standards.

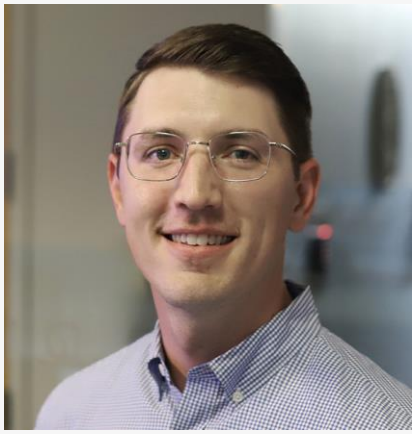
4.8 Quality Assurance (QA)

All soil and groundwater laboratory analytical data will be reviewed by a third-party validator and a DUSR will be prepared to document the usability and validity of the data.

4.9 Remedial Investigation Report

The Remedial Investigation Report (RIR) will include a detailed description of sampling activities, data summary tables, concentration maps showing sample locations and concentrations, DUSRs, and laboratory reports.

ATTACHMENT A
RESUMES FOR REMEDIAL ENGINEER, QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) OFFICER, PROJECT MANAGER, ALTERNATE PROJECT MANAGER, SITE SAFETY OFFICER (SSO), LABORATORY QA/QC OFFICER, AND LABORATORY DATA VALIDATOR



BACKGROUND

Education

BS, Environmental Science, The Ohio State University

Licenses/Certifications

OSHA 10 Hour Construction Safety & Health Course

OSHA 30 Hour Construction

OSHA 40 Hour HAZWOPER

OSHA 8 Hour Refresher

MARK F. JEPSEN

Senior Technical Director

Mark Jepsen is an Environmental Scientist in AKRF's Hazardous Materials group. He has a great deal of experience in both environmental science and natural resources, including environmental remediation and consulting, groundwater quality and soil science, hydrology, and geology. Since joining AKRF, Mark has overseen a wide variety of environmental investigations. He has performed oversight at large scale construction sites dealing with underground storage tanks closure and removal. Mark has performed various Phase I site visits and reports; and followed up these Phase I investigations by performing Phase II remedial investigations including soil, groundwater, and soil vapor sampling. Mark has also had a great deal of experience creating environmental reports discussion results found during the preliminary investigations.

RELEVANT EXPERIENCE

3200 Jerome Avenue, Bronx, NY

Mark conducted groundwater and soil vapor requirements sampling set by the NYSDEC as part of the Brownfield Cleanup Agreement for the project site. Mark is also supporting the ongoing operations and maintenance of an active sub-slab depressurization and soil vapor extraction system installed beneath the building slab. He has also overseen in-situ chemical oxidation groundwater treatment injection activities performed on-site.

1559 Boone Avenue, Bronx, NY

Mark is supporting AKRF's environmental planning, site assessment/remediation services, and geotechnical engineering for a new eight-story, 66-unit supportive housing building. The project received a Certificate of Completion from the New NYSDEC under the Brownfield Cleanup Program (BCP) in 2024.

1769 Jerome Avenue E-Designation, Bronx, NY

Mark provided project management for the remedial investigation phase and assisting the client with enrollment into OER's Voluntary Cleanup Program.

2264 Morris Avenue, Bronx, NY

Mark supported AKRF's environmental consulting services for this site including, Phase I ESA, Phase II remedial site investigations and subsurface sampling, ongoing construction oversight and vapor barrier inspections.

11 Greene Street, Environmental Consulting Services, New York, NY

Investigation and remediation being conducted to satisfy NYCOER requirements under VCP and CEQR. As an Environmental Scientist, Mark is supporting AKRF's environmental consulting services for this site including Waste Classification testing and delineation, preparation of a Remedial Investigation (Phase II) Work Plan; Remedial Investigation (RI) and Report; Preparation of a NYCDEP Dewatering Application and Permit; Preparation of a Remedial Action Work Plan (RAWP) and Construction Health and Safety Plan (CHASP); Pre-Characterization of Soil for Off-site Disposal; Environmental Monitoring; and Environmental Bid Specifications and Design Coordination.

akrf

BACKGROUND

Education

MS, Hydrogeology, Rensselaer Polytechnic Institute

BS, Civil Engineering, Lafayette College

Licenses/Certifications

Professional Engineer, NY - 082046-1

OSHA 40 Hour HAZWOPER

OSHA 8 Hour Refresher

REBECCA KINAL, PE

Senior Vice President

Rebecca Kinal has extensive experience in the assessment and remediation of soil and groundwater contamination and other hazardous/non-hazardous waste problems. Her experience includes environmental due diligence, soil and groundwater investigations, leaking underground storage tank studies, soil gas/vapor intrusion surveys, and oversight of small- and large-scale remediation programs. Rebecca has directed numerous Phase I and Phase II investigations and remediation programs, many of them in conjunction with commercial/ residential developers, law firms, lending institutions, and public agencies. She is experienced in the cleanup of contaminated properties under New York State Brownfield Cleanup Program (BCP) regulations and the NYC E-designation program. As a part of this work, Rebecca's duties have included technical and report review, proposal writing, scheduling, budgeting, and acting as liaison between clients and regulatory agencies, and project coordination with federal, state, and local authorities.

RELEVANT EXPERIENCE

Mott Haven Remediation, Bronx, NY

Rebecca provided environmental consulting services to the selected environmental remediation contractor for this former manufactured gas plant in Mott Haven the Bronx, which was remediated under the NYSDEC BCP.

Avalon Yonkers PCW, Yonkers, NY

Rebecca served as the Engineer of Record for remediation of the former Polychrome research and development site, a NYSDEC Brownfield redevelopment project along the Hudson River. The remediation included hot spot excavation, LNAPL collection, in-situ soil stabilization, soil management, groundwater treatment, dewatering, shoreline permitting, groundwater discharge permitting, and a site-wide engineered cover systems, including a vapor barrier and sub-slab depressurization system. Rebecca reviewed the design documents, supervised field inspections, provided support to the project team regarding contractor submittals and field changes, and certified the Final Engineering Report and Site Management Plan. The site received its Certificate of Completion in December 2019.

Hamilton Green (200 Hamilton Avenue), White Plains, NY

Rebecca managed environmental due diligence and remediation planning for the project, which included Phase I and II environmental assessments, a petroleum Spill investigation, preparation of remediation cost estimates, and application to the NYSDEC BCP.

Montefiore Medical Center, Bronx and Westchester County, NY

Rebecca provided environmental due diligence assistance to MMC for the ongoing expansion of their facilities. She conducted and managed environmental due diligence tasks related to their property transactions, including Phase I ESAs, Phase II investigations, indoor air quality surveys/vapor intrusion assessments, and remediation cost estimates. She also assisted MMC in making decisions with respect to environmental risk issues. Projects ranged from small, single-lot properties to large hospital campuses.

BACKGROUND

Education

BS, Environmental Science, Stockton University

Licenses/Certifications

Confined Space Entry Training for Construction, 360 Training

Regulatory Training in Underground Storage Tanks (UST) Certification, Rutgers University

Wetland Delineation Series Certificate,

OSHA 40 Hour HAZWOPER,

TIMOTHY G. LARIGAN

Senior Environmental Scientist

Timothy Larigan is an environmental scientist with experience in environmental remediation/compliance, Phase I/Phase II Environmental Assessments; project management; technical reporting; data analysis; field sampling; contractor oversight; wetlands delineation and permitting. He has directed environmental remediation, due diligence, asbestos, and wetlands projects and completed them within the proposed timeframe and budget. Tim has also managed client and regulatory agency interactions. He has performed various field activities such as soil, groundwater, and vapor sampling and wetlands delineation. Timothy has a working knowledge of GIS software and SAS statistical software.

RELEVANT EXPERIENCE

Starhill at 1600 Macombs Road, Bronx, NY

Starhill JV Associates LLC enrolled in the New York City Voluntary Cleanup Program (VCP) to investigate and remediate the property located at 1600 Macombs Road. The property was previously developed with a three-story, former medical facility building last used as a transitional housing and drug/alcohol rehabilitation center, and was being redeveloped with two new two 14-story affordable/sustainable housing residential buildings connected by a one-story structure. Tim prepared a Phase I ESA for the property, as well as coordinated and conducted field sampling during subsequent subsurface investigations. He went on to provide project management and field oversight during site remediation for Phase I of the project under the NYCOER-approved Remedial Action Work Plan (RAWP), which included construction oversight during soil excavation, UST removal, spill remediation, confirmatory endpoint sampling and data analysis/interpretation, implementation of on-site air monitoring program, and preparation of the final closure report.

1760 and 1768 Jerome Avenue, Bronx, NY

ACMH, Inc. enrolled in the NYC VCP to investigate and remediate the property located at 1760 and 1768 Jerome Avenue. The property is currently developed with a one and two-story commercial/industrial building that most recently operated as a manufacturer and wholesale distributor of aluminum, glass, and plexiglass storefronts. Tim prepared a Phase I ESA and coordinated/ provided deputy project management during a subsurface investigation as part of environmental due diligence and acceptance into the VCP.

380 4th Avenue, Brooklyn, NY

380 4th Avenue Owner LLC enrolled in the NYS Brownfield Cleanup Program (BCP) to investigate and remediate the property located at 380 4th Avenue. The property was previously developed with a single-story building that operated as a taxi business, and was being redeveloped with a new 17-story, mixed residential and commercial building. Tim coordinated and conducted field sampling during subsurface investigations, and provided project management during site remediation under a NYSDEC-approved RAWP, which included construction oversight during soil excavation, underground storage tank (UST) removal, spill remediation, confirmatory endpoint sampling and data analysis/interpretation, implementation of on-site air monitoring program, and preparation of the final closure report.

akrf

BACKGROUND

Education

MS, Environmental Science, American University

BA, Environmental Studies, American University

Licenses/Certifications

Qualified Environmental Professional, NY - 4120008

OSHA 10 Hour Construction Safety & Health Course

OSHA 40 Hour HAZWOPER

OSHA 8 Hour Refresher

OSHA 8 Hour Supervisor

DEBORAH G. SHAPIRO, QEP

Senior Vice President

Deborah Shapiro, QEP is a Senior Vice President with experience in the assessment and remediation of hazardous waste issues. She supervises project teams and manages all aspects of assessment and remediation projects. Deborah works with developers, non-profit organizations, architects, local community groups, local businesses, and government agencies. Her projects fall under the regulatory oversight of NYSDEC, NYCDEP, and NYCOER including the NYSBCP, NYCVCP, NYSDEC petroleum spills program, Resource Conservation and Recovery Act/Underground Injection Control closures, and NYCOER's E-designation program. She has also assisted commercial and industrial property owners with maintaining the integrity of their portfolios by providing compliance related cleanup and chemical storage management services. Deborah manages all aspects of redevelopment projects from the initial Phase I ESA, Phase II, and remediation through post-remedial site management. Her experience also includes groundwater investigations, monitoring, and sampling programs; Brownfield and hazardous waste site investigations; In-Situ Chemical Oxidation; underground storage tank studies; waste characterization sampling; exposure assessments; on-going remedial action, and permitting.

RELEVANT EXPERIENCE

Brook 156, Bronx, NY

Deborah served as Project Manager for site assessment/remediation services for Brook 156, a new affordable housing project in the Bronx. She managed all technical, schedule, and budgetary components of the project and communicated with NYSDEC and the client team. Brook 156 received its Certificate of Completion under the NYSBCP in 2021.

OER On-Call Contract, Various Locations, NY

Deborah Shapiro is managing an on-call contract with the OER for brownfields environmental assessment and remediation.

Atlantic Chestnut, Brooklyn, NY

Deborah serves as Project Manager for site assessment/remediation services at Atlantic Chestnut, a 4.5-acre affordable housing project in the East New York, Brooklyn. Services have included a Phase I ESA and Phase II Subsurface Investigations at each site; accepted applications for the NYSBPC; preparation of Remedial Investigation Work Plans and implementation of remediation investigations and associated reporting; and Interim Remedial Work Plans for each site, including three soil vapor extraction systems.

US EPA Multi-Purpose Grant and NYSDOS BOA Predevelopment Grant

Deborah is the Principal-in-Charge of a North Hempstead on-call contract to conduct brownfields assessment, investigation, identification, market analysis, marketing, clean-up planning and analysis, and remediation, wayfinding, connectivity planning and analysis, and other activities supporting redevelopment and revitalization services for New Cassel under an EPA Multi-purpose Grant and NYSDOS BOA Predevelopment Grant. Tasks under the on-call to date have included conducting Phase IIs and reuse planning including preparation of ABCAs.

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CHAD WALTERS

Environmental Scientist

Chad Walters is an Environmental Scientist in AKRF's Site Assessment and Remediation Department. His experience includes implementing Phase I Environmental Site Assessments, Subsurface (Phase II) Investigations and/or Remedial Investigations. He is proficient in overseeing remedial action programs under the New York State Department of Environmental Conservation (NYSDEC), Brownfield Cleanup Program (BCP), and NYC Office of Environmental Remediation (OER) E-Designation program, including soil excavation, community air monitoring, remedial system installation, and collection of soil, groundwater, and soil vapor samples.

BACKGROUND

Education

BS, Environmental Studies, Emory University

RELEVANT EXPERIENCE

Starhill at 1600 Macombs Road, Bronx, NY

Chad was responsible for environmental oversight monitoring on the AKRF Team providing site assessment/remediation services for Starhill, a proposed 14-story affordable housing and community facility development in the Bronx. Chad's responsibilities included overseeing soil management and outgoing waste tracking, implementing the Community Air Monitoring Program (CAMP), and preparation of daily reports for Phases I and II. He also performed waste classification sampling for Phase II. AKRF is also preparing the Environmental Assessment Statement pursuant to CEQR requirements.

1559 Boone Avenue, Bronx, NY

Chad was responsible for performing remedial oversight and conducting soil, groundwater, and soil vapor sample collection for a new eight-story, 66-unit supportive housing building at 1559 Boone Avenue in the Bronx. He was also responsible for the oversight of the sub-slab depressurization system and preparation of the Final Engineering Report.

Pilla Colden Avenue, Bronx, NY

Chad served on the AKRF Team involved in the remedial construction for an approximately 9,000-sf site in the Bronx with E-Designations for Hazardous Materials and Air Quality conducted under NYCOER and within NYCOER's Volunteer Cleanup Program. He was responsible for environmental oversight monitoring, which included overseeing soil management and outgoing waste tracking, implementing the CAMP, and preparation of daily and weekly reports for submittal to NYCOER.

NYCHA PACT Williamsburg Houses, Brooklyn, NY

Chad performed remedial oversight for soil excavation and acted as agent for generator in signing off on soil export trucks as part of AKRF's work providing remedial engineering services for the rehabilitation of The Williamsburg Houses under NYCHA's PACT program. The site consists of 20 four-story residential buildings situated on four city blocks. The team is assisting the client with soil management services (testing, import and export), and vapor mitigation work required under a NYCDEP-approved Remedial Action Work Plan (RAWP). The RAWP was prepared by a prior consulting firm, and AKRF successfully amended the RAWP to reduce certain monitoring and vapor mitigation requirements on behalf of the client.

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Personnel Resume

Carl Armbruster
QA Manager

Qualifications Summary

Mr. Armbruster has over 30 years of experience in the environmental laboratory and engineering industry that includes extensive technical, management/leadership experience in all aspects of the laboratory business. He is an action-oriented manager dedicated to ensuring the laboratory maintains a quality program that holds the highest credentials in PT scores, accreditations and customer satisfaction. His unique experience lends itself to working successfully with employees, managers and clients at all levels.

Professional Experience

Quality Assurance Manager – TestAmerica Edison - 2005 to Present

Mr. Armbruster is responsible for establishing and implementing the quality assurance program at the Edison facility; and for interfacing with the corporate Quality Assurance Director to ensure adherence with the overall Quality Management Plan. He is also responsible for monitoring implementation and compliance with NELAC and TestAmerica's QMP, conducting annual management system audits and data audits, as well as providing regulatory updates and technical support to the Laboratory Director, Operations Manager, Client Services and Sales department.

Project Manager/Assistant Technical Director – STL Edison --2000 to 2005

Laboratory Director − STL Whippany − 1998 to 2000

Account Manager − Clean Harbors Environmental Services − 1997 to 1998

Laboratory Manager − Waste Management Inc., and Chemical Waste Management Inc − 1988 to 1997

Environmental Scientist − ICF Technology − 1987 to 1988

Analytical Chemist − IT Corporation – 1985 to 1987

Analytical Chemist − Hess Environmental Laboratories – 1983 to 1985

Education

- MS in Biology – East Stroudsburg University, 1984
- BS in Environmental Studies - East Stroudsburg University, 1980

L.A.B. Validation Corp., 14 West Point Drive, East Northport, New York 11731

Lori A. Beyer

SUMMARY: General Manager/Laboratory Director with a solid technical background combined with Management experience in environmental testing industry. Outstanding organizational, leadership, communication and technical skills. Customer focused, quality oriented professional with consistently high marks in customer/employee satisfaction.

EXPERIENCE:

1998-Present L.A.B. Validation Corporation, 14 West Point Drive, East Northport, NY
President

- Perform Data Validation activities relating to laboratory generated Organic and Inorganic Environmental Data.

1998-Present American Analytical Laboratories, LLC. 56 Toledo Street, Farmingdale, NY
Laboratory Director/Technical Director

- Plan, direct and control the operation, development and implementation of programs for the entire laboratory in order to meet AAL's financial and operational performance standards.
- Ensures that all operations are in compliance with AAL's QA manual and other appropriate regulatory requirements.
- Actively maintains a safe and healthy working environmental that is demanded by local laws/regulations.
- Monitors and manages group's performance with respect to data quality, on time delivery, safety, analyst development/goal achievement and any other key performance indices.
- Reviews work for accuracy and completeness prior to release of results to customers.

1996-1998 Nytest Environmental, Inc. (NEI) Port Washington, New York
General Manager

- Responsible for controlling the operation of an 18,000 square foot facility to meet NEI's financial and operational performance standards.
- Management of 65 FTEs including Sales and Operations
- Ensure that all operations are in compliance with NEI's QA procedures
- Ensures that productivity indicators, staffing levels and other cost factors are held within established guidelines
- Maintains a quantified model of laboratory's capacity and uses this model as the basis for controlling the flow of work into and through the lab so as to ensure that customer requirements and lab's revenue and contribution targets are achieved.

1994-1996 Nytest Environmental, Inc. (NEI) Port Washington, New York
Technical Project Manager

- Responsible for the coordination and implementation of environmental testing programs requirements between NEI and their customers
- Supervise Customer Service Department
- Assist in the development of major proposals
- Complete management of all Federal and State Contracts and assigned commercial contracts
- Provide technical assistance to the customer, including data validation and interpretation
- Review and implement Project specific QAPP's.

1995-1996 Nytest Environmental, Inc. (NEI) Port Washington, New York
Corporate QA/QC Officer

- Responsible for the implementation of QA practices as required in the NJDEP and EPA Contracts
- Primary contact for NJDEP QA/QC issues including SOP preparation, review and approval
- Responsible for review, verification and adherence to the Contract requirements and NEI QA Plan

1992-1994 Nytest Environmental, Inc. (NEI) Port Washington, New York
Data Review Manager

- Responsible for the accurate compilation, review and delivery of analytical data to the company's customers. Directly and effectively supervised a department of 22 personnel.
- Managed activities of the data processing software including method development, form creation, and production
- Implement new protocol requirements for report and data management formats
- Maintained control of data storage/archival areas as EPA/CLP document control officer

1987-1991 Nytest Environmental, Inc. (NEI) Port Washington, New York
Data Review Specialist

- Responsible for the review of GC, GC/MS, Metals and Wet Chemistry data in accordance with regulatory requirements
- Proficient with USEPA, NYSDEC, NJDEP and NEESA requirements
- Review data generated in accordance with SW846, NYSDEC ASP, EPA/CLP and 40 CFR Methodologies

1986-1987 Nytest Environmental, Inc (NEI) Port Washington, New York
GC/MS VOA Analyst

EDUCATION:

1982-1985 State University of New York at Stony Brook, New York; BS Biology/Biochemistry
1981-1982 University of Delaware; Biology/Chemistry
5/91 Rutgers University; Mass Spectral Data Interpretation Course, GC/MS Training
8/92 Westchester Community College; Organic Data Validation Course
9/93 Westchester Community College; Inorganic Data Validation Course

Westchester Community College

Professional Development Center

Awards this Certificate of Achievement To

LORI BEYER

for Successfully Completing

ORGANIC DATA VALIDATION COURSE (35 HOURS)

Dr. John Samuelian

Date AUGUST 1992

Assistant Dean
Professional Development Center

President

The Professional
Development Center

SUNY
WESTCHESTER COMMUNITY COLLEGE
Valhalla, New York 10595

Westchester Community College

Professional Development Center

Awards this Certificate of Achievement To

LORI BEYER

for Successfully Completing

INORGANIC DATA VALIDATION

Instructor: Dale Boshart

Date MARCH 1993

Assistant Dean
Professional Development Center

President

The Professional
Development Center

SUNY
WESTCHESTER COMMUNITY COLLEGE
Valhalla, New York 10595

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233

Thomas C. Jorling
Commissioner

July 8, 1992

Ms. Elaine Sall
Program Coordinator
Westchester Community College
Valhalla, NY 10595-1698

Dear Elaine,

Thank you for your letter of June 29, 1992. I have reviewed the course outline for organic data validation, qualifications for teachers and qualifications for students. The course that you propose to offer would be deemed equivalent to that which is offered by EPA. The individuals who successfully complete the course and pass the final written exam would be acceptable to perform the task of organic data validation for the Department of Environmental Conservation, Division of Hazardous Waste Remediation.

As we have discussed in our conversation of July 7, 1992, you will forward to me prior to the August course deadline, the differences between the EPA SOW/90 and the NYSDEC ASP 12/91. You stated these differences will be compiled by Mr. John Samulian.

I strongly encourage you to offer an inorganic data validation course. I anticipate the same list of candidates would be interested in an inorganic validation course as well, since most of the data to be validated consists of both organic and inorganic data.

Thank you for you efforts and please contact me if I can be of any further assistance.

Sincerely,

Maureen P. Serafini

Maureen P. Serafini
Environmental Chemist II
Division of Hazardous Waste
Remediation

The Professional
Development Center
AT
WESTCHESTER COMMUNITY COLLEGE

914 285-6619

October 2, 1992

Ms. Lori Beyer
3 sparkill Drive
East Northport, NY 11731

Dear Ms. Beyer:

Congratulations upon successful completion of the Organic Data Validation course held August 17 - 21, 1992, through Westchester Community College, Professional Development Center. This course has been deemed by New York State Department of Environmental Conservation as equivalent to EPA's Organic Data Validation Course.

Enclosed is your Certificate. Holders of this Certificate are deemed competent to perform organic data validation for the New York State DEC Division of Hazardous Waste Remediation.

The Professional Development Center at Westchester Community College plans to continue to offer courses and seminars which will be valuable to environmental engineers, chemists and related personnel. Current plans include a TCLP seminar on November 17th and a conference on Environmental Monitoring Regulations on November 18th.

We look forward to seeing you again soon at another environmental program or event. Again, congratulations.

Very truly yours,

Passing Grade is 70%
Your Grade is 99%

Elaine Sall
Program Coordinator

ES/bf

SUNY
WESTCHESTER COMMUNITY COLLEGE
Valhalla, New York 10595

The Professional
Development Center
AT
WESTCHESTER COMMUNITY COLLEGE

914 285-6619

June 21, 1993

Dear Ms. Beyer:

Enclosed is your graded final examination in the Inorganic Data Validation course you completed this past March. A score of 70% was required in order to receive a certificate of satisfactory completion. Persons holding this certificate are deemed acceptable to perform Inorganic Data Validation for the New York State Department of Environmental Conservation, Division of Hazardous Waste Remediation.

I am also enclosing a course evaluation for you to complete if you have not already done so. The information you provide will greatly aid us in structuring further courses. We wish to make these course offerings as relevant, targeted and comprehensive as possible. Your evaluation is vital to that end.

Congratulations on your achievement. I look forward to seeing you again at another professional conference or course. We will be co-sponsoring an environmental monitoring conference on October 21, 1993 with the New York Water Pollution Control Association, Lower Hudson Chapter, at IBM's Yorktown Heights, NY site. Information regarding this event will be going out in August.

Very truly yours,

Elaine Sall

Elaine Sall
Program Coordinator

ES/bf

Enclosures

SUNY
WESTCHESTER COMMUNITY COLLEGE
Valhalla, New York 10595

ATTACHMENT B
NYSDEC REVISED SAMPLING PROTOCOL FOR EMERGING CONTAMINANTS

NEW YORK STATE OF OPPORTUNITY.

Department of Environmental Conservation

SAMPLING, ANALYSIS, AND ASSESSMENT OF PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS)

Under NYSDEC's Part 375 Remedial Programs

April 2023

www.dec.ny.gov

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ERRATA SHEET for

SAMPLING, ANALYSIS, AND ASSESSMENT OF PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) Under NYSDEC's Part 375 Remedial Programs Issued January 17, 2020

Citation and Page Number	Current Text	Corrected Text	Date
Title of Appendix I, page 32	Appendix H	Appendix I	2/25/2020
Document Cover, page 1	Guidelines for Sampling and Analysis of PFAS	Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs	9/15/2020
Data Assessment and Application to Site Cleanup Page 3	Until such time as Ambient Water Quality Standards (AWQS) and Soil Cleanup Objectives (SCOs) for PFOA and PFOS are published	Until such time as Soil Cleanup Objectives (SCOs) for PFOA and PFOS are published	3/28/2023
Water Sample Results Page 3	PFOA and PFOS should be further assessed and considered as potential contaminants of concern in groundwater or surface water if PFOA or PFOS is detected in any water sample at or above 10 ng/L (ppt) and is determined to be attributable to the site, either by a comparison of upgradient and downgradient levels, or the presence of soil source areas, as defined below.	NYSDEC has adopted ambient water quality guidance values for PFOA and PFOS. Groundwater samples should be compared to the human health criteria of 6.7 ng/l (ppt) for PFOA and 2.7 ng/l (ppt) for PFOS. These guidance values also include criteria for surface water for PFOS applicable for aquatic life, which may be applicable at some sites. Drinking water sample results should be compared to the NYS maximum contaminant level (MCL) of 10 ng/l (ppt).Analysis to determine if PFOA and PFOS concentrations are attributable to the site should include a comparison between upgradient and downgradient levels, and the presence of soil source areas, as defined below.	3/28/2023
Soil Sample Results Page 3	Soil cleanup objectives for PFOA and PFOS have been proposed in an upcoming revision to 6 NYCRR Part 375-6. Until SCOs are in effect, the following are to be used as guidance values:	NYSDEC will delay adding soil cleanup objectives for PFOA and PFOS to 6 NYCRR Part 375-6 until the PFAS rural soil background study has been completed. Until SCOs are in effect, the following are to be used as guidance values:	3/28/2023
Protection of Groundwater Page 3	PFOA (ppb) 1.1 PFOS (ppb) 3.7	PFOA (ppb) 0.8 PFOS (ppb) 1.0	3/28/2023

Citation and Page Number	Current Text	Corrected Text	Date
Footnote 2 Page 3	The movement of PFAS in the environment is being aggressively researched at this time; that research will eventually result in more accurate models for the behaviors of these chemicals. In the meantime, DEC has calculated the guidance value for the protection of groundwater using the same procedure used for all other chemicals, as described in Section 7.7 of the Technical Support Document (http://www.dec.ny.gov/docs/remediation_hudson_pdf/techsuppdoc.pdf).	The Protection of Groundwater values are based on the above referenced ambient groundwater guidance values. Details on that calculation are available in the following document, prepared for the February 2022 proposed changes to Part 375 (https://www.dec.ny.gov/docs/remediation_hudson_pdf/part375techsupport.pdf). The movement of PFAS in the environment is being aggressively researched at this time; that research will eventually result in more accurate models for the behaviors of these chemicals. In the meantime, DEC has calculated the guidance value for the protection of groundwater using the same procedure used for all other chemicals, as described in Section 7.7 of the Technical Support Document (http://www.dec.ny.gov/docs/remediation_hudson_pdf/techsuppdoc.pdf).	3/28/2023
Testing for Imported Soil Page 4	If the concentrations of PFOA and PFOS in leachate are at or above 10 ppt (the Maximum Contaminant Levels established for drinking water by the New York State Department of Health), then the soil is not acceptable.	If the concentrations of PFOA and PFOS in leachate are at or above the ambient water quality guidance values for groundwater, then the soil is not acceptable.	3/28/2023
Routine Analysis, page 9	"However, laboratories analyzing environmental samples…PFOA and PFOS in drinking water by EPA Method 537, 537.1 or ISO 25101."	"However, laboratories analyzing environmental samples…PFOA and PFOS in drinking water by EPA Method 537, 537.1, ISO 25101, or Method 533."	9/15/2020
Additional Analysis, page 9, new paragraph regarding soil parameters	None	"In cases where site-specific cleanup objectives for PFOA and PFOS are to be assessed, soil parameters, such as Total Organic Carbon (EPA Method 9060), soil pH (EPA Method 9045), clay content (percent), and cation exchange capacity (EPA Method 9081), should be included in the analysis to help evaluate factors affecting the leachability of PFAS in site soils."	9/15/2020

Citation and Page Number	Current Text	Corrected Text	Date
Data Assessment and Application to Site Cleanup Page 10	Until such time as Ambient Water Quality Standards (AWQS) and Soil Cleanup Objectives (SCOs) for PFAS are published, the extent of contaminated media potentially subject to remediation should be determined on a case-by-case basis using the procedures discussed below and the criteria in DER-10. Target levels for cleanup of PFAS in other media, including biota and sediment, have not yet been established by the DEC.	Until such time as Ambient Water Quality Standards (AWQS) and Soil Cleanup Objectives (SCOs) for PFOA and PFOS are published, the extent of contaminated media potentially subject to remediation should be determined on a case-by-case basis using the procedures discussed below and the criteria in DER-10. Preliminary target levels for cleanup of PFOA and PFOS in other media, including biota and sediment, have not yet been established by the DEC.	9/15/2020
Water Sample Results Page 10	PFAS should be further assessed and considered as a potential contaminant of concern in groundwater or surface water (…) If PFAS are identified as a contaminant of concern for a site, they should be assessed as part of the remedy selection process in accordance with Part 375 and DER-10.	PFOA and PFOS should be further assessed and considered as potential contaminants of concern in groundwater or surface water (…) If PFOA and/or PFOS are identified as contaminants of concern for a site, they should be assessed as part of the remedy selection process in accordance with Part 375 and DER-10.	9/15/2020

Citation and Page Number	Current Text	Corrected Text	Date
Soil Sample Results, page 10	"The extent of soil contamination for purposes of delineation and remedy selection should be determined by having certain soil samples tested by Synthetic Precipitation Leaching Procedure (SPLP) and the leachate analyzed for PFAS. Soil exhibiting SPLP results above 70 ppt for either PFOA or PFOS (individually or combined) are to be evaluated during the cleanup phase."	"Soil cleanup objectives for PFOA and PFOS will be proposed in an upcoming revision to 6 NYCRR Part 375-6. Until SCOs are in effect, the following are to be used as guidance values. " [Interim SCO Table] "PFOA and PFOS results for soil are to be compared against the guidance values listed above. These guidance values are to be used in determining whether PFOA and PFOS are contaminants of concern for the site and for determining remedial action objectives and cleanup requirements. Site-specific remedial objectives for protection of groundwater can also be presented for evaluation by DEC. Development of site-specific remedial objectives for protection of groundwater will require analysis of additional soil parameters relating to leachability. These additional analyses can include any or all the parameters listed above (soil pH, cation exchange capacity, etc.) and/or use of SPLP. As the understanding of PFAS transport improves, DEC welcomes proposals for site-specific remedial objectives for protection of groundwater. DEC will expect that those may be dependent on additional factors including soil pH, aqueous pH, % organic carbon, % Sand/Silt/Clay, soil cations: K, Ca, Mg, Na, Fe, Al, cation exchange capacity, and anion exchange capacity. Site-specific remedial objectives should also consider the dilution attenuation factor (DAF). The NJDEP publication on DAF can be used as a reference: https://www.nj.gov/dep/srp/guidance/rs/daf.pdf. "	9/15/2020

Citation and Page Number	Current Text	Corrected Text	Date
Testing for Imported Soil Page 11	Soil imported to a site for use in a soil cap, soil cover, or as backfill is to be tested for PFAS in general conformance with DER-10, Section 5.4(e) for the PFAS Analyte List (Appendix F) using the analytical procedures discussed below and the criteria in DER-10 associated with SVOCs. If PFOA or PFOS is detected in any sample at or above 1 µg/kg, then soil should be tested by SPLP and the leachate analyzed for PFAS. If the SPLP results exceed 10 ppt for either PFOA or PFOS (individually) then the source of backfill should be rejected, unless a site-specific exemption is provided by DER. SPLP leachate criteria is based on the Maximum Contaminant Levels proposed for drinking water by New York State's Department of Health, this value may be updated based on future Federal or State promulgated regulatory standards. Remedial parties have the option of analyzing samples concurrently for both PFAS in soil and in the SPLP leachate to minimize project delays. Category B deliverables should be submitted for backfill samples, though a DUSR is not required.	Testing for PFAS should be included any time a full TAL/TCL analyte list is required. Results for PFOA and PFOS should be compared to the applicable guidance values. If PFOA or PFOS is detected in any sample at or above the guidance values then the source of backfill should be rejected, unless a site-specific exemption is provided by DER based on SPLP testing, for example. If the concentrations of PFOA and PFOS in leachate are at or above 10 ppt (the Maximum Contaminant Levels established for drinking water by the New York State Department of Health), then the soil is not acceptable. PFOA, PFOS and 1,4-dioxane are all considered semi-volatile compounds, so composite samples are appropriate for these compounds when sampling in accordance with DER-10, Table 5.4(e)10. Category B deliverables should be submitted for backfill samples, though a DUSR is not required.	9/15/2020

Citation and Page Number	Current Text	Corrected Text	Date
Footnotes	None	[1] TOP Assay analysis of highly contaminated samples, such as those from an AFFF (aqueous film-forming foam) site, can result in incomplete oxidation of the samples and an underestimation of the total perfluoroalkyl substances. [2] The movement of PFAS in the environment is being aggressively researched at this time; that research will eventually result in more accurate models for the behaviors of these chemicals. In the meantime, DEC has calculated the soil cleanup objective for the protection of groundwater using the same procedure used for all other chemicals, as described in Section 7.7 of the Technical Support Document (http://www.dec.ny.gov/docs/remediation_hudson_pdf/techsuppdoc.pdf).	9/15/2020
Additional Analysis, page 9	In cases… soil parameters, such as Total Organic Carbon (EPA Method 9060), soil…	In cases… soil parameters, such as Total Organic Carbon (Lloyd Kahn), soil…	1/8/2021
Appendix A, General Guidelines, fourth bullet	List the ELAP-approved lab(s) to be used for analysis of samples	List the ELAP- certified lab(s) to be used for analysis of samples	1/8/2021
Appendix E, Laboratory Analysis and Containers	Drinking water samples collected using this protocol are intended to be analyzed for PFAS by ISO Method 25101.	Drinking water samples collected using this protocol are intended to be analyzed for PFAS by EPA Method 537, 537.1, 533, or ISO Method 25101	1/8/2021
Water Sample Results Page 9	"In addition, further assessment of water may be warranted if either of the following screening levels are met: a. any other individual PFAS (not PFOA or PFOS) is detected in water at or above 100 ng/L; or b. total concentration of PFAS (including PFOA and PFOS) is detected in water at or above 500 ng/L"	Deleted	6/15/2021

Citation and Page Number	Current Text	Corrected Text	Date
Routine Analysis, Page XX	Currently, New York State Department of Health's Environmental Laboratory Approval Program (ELAP)… criteria set forth in the DER's laboratory guidelines for PFAS in non-potable water and solids (Appendix H - Laboratory Guidelines for Analysis of PFAS in Non-Potable Water and Solids).	Deleted	5/31/2022
Analysis and Reporting, Page XX	As of October 2020, the United States Environmental Protection Agency (EPA) does not have a validated method for analysis of PFAS for media commonly analyzed under DER remedial programs (non-potable waters, solids). DER has developed the following guidelines to ensure consistency in analysis and reporting of PFAS.	Deleted	5/31/2022
Routine Analysis, Page XX	LC-MS/MS analysis for PFAS using methodologies based on EPA Method 537.1 is the procedure to use for environmental samples. Isotope dilution techniques should be utilized for the analysis of PFAS in all media.	EPA Method 1633 is the procedure to use for environmental samples.	
Soil Sample Results, Page XX	Soil cleanup objectives for PFOA and PFOS will be proposed in an upcoming revision to 6 NYCRR Part 375-6	Soil cleanup objectives for PFOA and PFOS have been proposed in an upcoming revision to 6 NYCRR Part 375-6	
Appendix A	"Include in the text… LC-MS/MS for PFAS using methodologies based on EPA Method 537.1"	"Include in the text ….EPA Method 1633"	
Appendix A	"Laboratory should have ELAP certification for PFOA and PFOS in drinking water by EPA Method 537, 537.1, EPA Method 533, or ISO 25101"	Deleted	
Appendix B	"Samples collected using this protocol are intended to be analyzed for PFAS using methodologies based on EPA Method 537.1"	"Samples collected using this protocol are intended to be analyzed for PFAS using EPA Method 1633"	

Citation and Page Number	Current Text	Corrected Text	Date
Appendix C	"Samples collected using this protocol are intended to be analyzed for PFAS using methodologies based on EPA Method 537.1"	"Samples collected using this protocol are intended to be analyzed for PFAS using EPA Method 1633"	
Appendix D	"Samples collected using this protocol are intended to be analyzed for PFAS using methodologies based on EPA Method 537.1"	"Samples collected using this protocol are intended to be analyzed for PFAS using EPA Method 1633"	
Appendix G		Updated to include all forty PFAS analytes in EPA Method 533	
Appendix H		Deleted	
Appendix I	Appendix I	Appendix H	
Appendix H	"These guidelines are intended to be used for the validation of PFAS analytical results for projects within the Division of Environmental Remediation (DER) as well as aid in the preparation of a data usability summary report."	"These guidelines are intended to be used for the validation of PFAS using EPA Method 1633 for projects within the Division of Environmental Remediation (DER)."	
Appendix H	"The holding time is 14 days…"	"The holding time is 28 days…"	
Appendix H, Initial Calibration	"The initial calibration should contain a minimum of five standards for linear fit…"	"The initial calibration should contain a minimum of six standards for linear fit…"	
Appendix H, Initial Calibration	Linear fit calibration curves should have an R^2 value greater than 0.990.	Deleted	
Appendix H, Initial Calibration Verification	Initial Calibration Verification Section	Deleted	
Appendix H	secondary Ion Monitoring Section	Deleted	
Appendix H	Branched and Linear Isomers Section	Deleted	

Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs

Objective

New York State Department of Environmental Conservation's Division of Environmental Remediation (DER) performs or oversees sampling of environmental media and subsequent analysis of PFAS as part of remedial programs implemented under 6 NYCRR Part 375. To ensure consistency in sampling, analysis, reporting, and assessment of PFAS, DER has developed this document which summarizes currently accepted procedures and updates previous DER technical guidance pertaining to PFAS.

Applicability

All work plans submitted to DEC pursuant to one of the remedial programs under Part 375 shall include PFAS sampling and analysis procedures that conform to the guidelines provided herein.

As part of a site investigation or remedial action compliance program, whenever samples of potentially affected media are collected and analyzed for the standard Target Analyte List/Target Compound List (TAL/TCL), PFAS analysis should also be performed. Potentially affected media can include soil, groundwater, surface water, and sediment. Based upon the potential for biota to be affected, biota sampling and analysis for PFAS may also be warranted as determined pursuant to a Fish and Wildlife Impact Analysis. Soil vapor sampling for PFAS is not required.

Field Sampling Procedures

DER-10 specifies technical guidance applicable to DER's remedial programs. Given the prevalence and use of PFAS, DER has developed "best management practices" specific to sampling for PFAS. As specified in DER-10 Chapter 2, quality assurance procedures are to be submitted with investigation work plans. Typically, these procedures are incorporated into a work plan, or submitted as a stand-alone document (e.g., a Quality Assurance Project Plan). Quality assurance guidelines for PFAS are listed in Appendix A - Quality Assurance Project Plan (QAPP) Guidelines for PFAS.

Field sampling for PFAS performed under DER remedial programs should follow the appropriate procedures outlined for soils, sediments, or other solids (Appendix B), non-potable groundwater (Appendix C), surface water (Appendix D), public or private water supply wells (Appendix E), and fish tissue (Appendix F).

QA/QC samples (e.g. duplicates, MS/MSD) should be collected as specified in DER-10, Section 2.3(c). For sampling equipment coming in contact with aqueous samples only, rinsate or equipment blanks should be collected. Equipment blanks should be collected at a minimum frequency of one per day per site or one per twenty samples, whichever is more frequent.

Analysis and Reporting

The investigation work plan should describe analysis and reporting procedures, including laboratory analytical procedures for the methods discussed below. As specified in DER-10 Section 2.2, laboratories should provide a full Category B deliverable. In addition, a Data Usability Summary Report (DUSR) should be prepared by an independent, third-party data validator. Electronic data submissions should meet the requirements provided at: https://www.dec.ny.gov/chemical/62440.html.

DER has developed a *PFAS Analyte List* (Appendix G) for remedial programs to understand the nature of contamination at sites. It is expected that reported results for PFAS will include, at a minimum, all the compounds listed. If lab and/or matrix specific issues are encountered for any analytes, the DER project manager, in consultation with the DER chemist, will make case-by-case decisions as to whether certain analytes may be temporarily or permanently discontinued from analysis at each site. As with other contaminants that are analyzed for at a site, the *PFAS Analyte List* may be refined for future sampling events based on investigative findings.

Routine Analysis

EPA Method 1633 is the procedure to use for environmental samples. Reporting limits for PFOA and PFOS in aqueous samples should not exceed 2 ng/L. Reporting limits for PFOA and PFOS in solid samples should not exceed 0.5 µg/kg. Reporting limits for all other PFAS in aqueous and solid media should be as close to these limits as possible. If laboratories indicate that they are not able to achieve these reporting limits for the entire *PFAS Analyte List*, site-specific decisions regarding acceptance of elevated reporting limits for specific PFAS can be made by the DER project manager in consultation with the DER chemist. Data review guidelines were developed by DER to ensure data comparability and usability (Appendix H - Data Review Guidelines for Analysis of PFAS in Non-Potable Water and Solids).

Additional Analysis

Additional laboratory methods for analysis of PFAS may be warranted at a site, such as the Synthetic Precipitation Leaching Procedure (SPLP) and Total Oxidizable Precursor Assay (TOP Assay).

In cases where site-specific cleanup objectives for PFOA and PFOS are to be assessed, soil parameters, such as Total Organic Carbon (Lloyd Kahn), soil pH (EPA Method 9045), clay content (percent), and cation exchange capacity (EPA Method 9081), should be included in the analysis to help evaluate factors affecting the leachability of PFAS in site soils.

SPLP is a technique used to determine the mobility of chemicals in liquids, soils and wastes, and may be useful in determining the need for addressing PFAS-containing material as part of the remedy. SPLP by EPA Method 1312 should be used unless otherwise specified by the DER project manager in consultation with the DER chemist.

Impacted materials can be made up of PFAS that are not analyzable by routine analytical methodology. A TOP Assay can be utilized to conceptualize the amount and type of oxidizable PFAS which could be liberated in the environment, which approximates the maximum concentration of perfluoroalkyl substances that could be generated if all polyfluoroalkyl substances were oxidized. For example, some polyfluoroalkyl substances may degrade or transform to form perfluoroalkyl substances (such as PFOA or PFOS), resulting in an increase in perfluoroalkyl substance concentrations as contaminated groundwater moves away from a source. The TOP Assay converts, through oxidation, polyfluoroalkyl substances (precursors) into perfluoroalkyl substances that can be detected by routine analytical methodology.[1]

[1] TOP Assay analysis of highly contaminated samples, such as those from an AFFF (aqueous film-forming foam) site, can result in incomplete oxidation of the samples and an underestimation of the total perfluoroalkyl substances.

Commercial laboratories have adopted methods which allow for the quantification of targeted PFAS in air and biota. The EPA's Office of Research and Development (ORD) is currently developing methods which allow for air emissions characterization of PFAS, including both targeted and non-targeted analysis of PFAS. Consult with the DER project manager and the DER chemist for assistance on analyzing biota/tissue and air samples.

Data Assessment and Application to Site Cleanup

Until such time as Soil Cleanup Objectives (SCOs) for PFOA and PFOS are published, the extent of contaminated media potentially subject to remediation should be determined on a case-by-case basis using the procedures discussed below and the criteria in DER-10. Preliminary target levels for cleanup of PFOA and PFOS in other media, including biota and sediment, have not yet been established by the DEC.

Water Sample Results

NYSDEC has adopted ambient water quality guidance values for PFOA and PFOS. Groundwater samples should be compared to the human health criteria of 6.7 ng/l (ppt) for PFOA and 2.7 ng/l (ppt) for PFOS. These human health criteria should also be applied to surface water that is used as a water supply. This guidance also includes criteria for surface water for PFOS applicable for aquatic life, which may be applicable at some sites. Drinking water sample results should be compared to the NYS maximum contaminant level (MCL) of 10 ng/l (ppt). Analysis to determine if PFOA and PFOS concentrations are attributable to the site should include a comparison between upgradient and downgradient levels, and the presence of soil source areas, as defined below.

If PFOA and/or PFOS are identified as contaminants of concern for a site, they should be assessed as part of the remedy selection process in accordance with Part 375 and DER-10.

Soil Sample Results

NYSDEC will delay adding soil cleanup objectives for PFOA and PFOS to 6 NYCRR Part 375-6 until the PFAS rural soil background study has been completed. Until SCOs are in effect, the following are to be used as guidance values:

Guidance Values for Anticipated Site Use	PFOA (ppb)	PFOS (ppb)
Unrestricted	0.66	0.88
Residential	6.6	8.8
Restricted Residential	33	44
Commercial	500	440
Industrial	600	440
Protection of Groundwater[2]	0.8	1.0

PFOA and PFOS results for soil are to be compared against the guidance values listed above. These guidance values are to be used in determining whether PFOA and PFOS are contaminants of concern for the site and for determining remedial action objectives and cleanup requirements. Site-specific remedial objectives for protection of groundwater can also be presented for evaluation by DEC. Development of site-specific remedial objectives for protection of groundwater will require analysis of additional soil parameters relating to leachability. These

[2] The Protection of Groundwater values are based on the above referenced ambient groundwater guidance values. Details on that calculation are available in the following document, prepared for the February 2022 proposed changes to Part 375 (https://www.dec.ny.gov/docs/remediation_hudson_pdf/part375techsupport.pdf). The movement of PFAS in the environment is being aggressively researched at this time; that research will eventually result in more accurate models for the behaviors of these chemicals. In the meantime, DEC has calculated the guidance value for the protection of groundwater using the same procedure used for all other chemicals, as described in Section 7.7 of the Technical Support Document (http://www.dec.ny.gov/docs/remediation_hudson_pdf/techsuppdoc.pdf).

additional analyses can include any or all the parameters listed above (soil pH, cation exchange capacity, etc.) and/or use of SPLP.

As the understanding of PFAS transport improves, DEC welcomes proposals for site-specific remedial objectives for protection of groundwater. DEC will expect that those may be dependent on additional factors including soil pH, aqueous pH, % organic carbon, % Sand/Silt/Clay, soil cations: K, Ca, Mg, Na, Fe, Al, cation exchange capacity, and anion exchange capacity. Site-specific remedial objectives should also consider the dilution attenuation factor (DAF). The NJDEP publication on DAF can be used as a reference: https://www.nj.gov/dep/srp/guidance/rs/daf.pdf.

Testing for Imported Soil

Testing for PFAS should be included any time a full TAL/TCL analyte list is required. Results for PFOA and PFOS should be compared to the applicable guidance values. If PFOA or PFOS is detected in any sample at or above the guidance values then the source of backfill should be rejected, unless a site-specific exemption is provided by DER based on SPLP testing, for example. If the concentrations of PFOA and PFOS in leachate are at or above the ambient water quality guidance values for groundwater, then the soil is not acceptable.

PFOA, PFOS and 1,4-dioxane are all considered semi-volatile compounds, so composite samples are appropriate for these compounds when sampling in accordance with DER-10, Table 5.4(e)10. Category B deliverables should be submitted for backfill samples, though a DUSR is not required.

Appendix A - Quality Assurance Project Plan (QAPP) Guidelines for PFAS

The following guidelines (general and PFAS-specific) can be used to assist with the development of a QAPP for projects within DER involving sampling and analysis of PFAS.

General Guidelines in Accordance with DER-10

- Document/work plan section title – Quality Assurance Project Plan
- Summarize project scope, goals, and objectives
- Provide project organization including names and resumes of the project manager, Quality Assurance Officer (QAO), field staff, and Data Validator
    - The QAO should not have another position on the project, such as project or task manager, that involves project productivity or profitability as a job performance criterion
- List the ELAP certified lab(s) to be used for analysis of samples
- Include a site map showing sample locations
- Provide detailed sampling procedures for each matrix
- Include Data Quality Usability Objectives
- List equipment decontamination procedures
- Include an "Analytical Methods/Quality Assurance Summary Table" specifying:
    - Matrix type
    - Number or frequency of samples to be collected per matrix
    - Number of field and trip blanks per matrix
    - Analytical parameters to be measured per matrix
    - Analytical methods to be used per matrix with minimum reporting limits
    - Number and type of matrix spike and matrix spike duplicate samples to be collected
    - Number and type of duplicate samples to be collected
    - Sample preservation to be used per analytical method and sample matrix
    - Sample container volume and type to be used per analytical method and sample matrix
    - Sample holding time to be used per analytical method and sample matrix
- Specify Category B laboratory data deliverables and preparation of a DUSR

Specific Guidelines for PFAS

- Include in the text that sampling for PFAS will take place
- Include in the text that PFAS will be analyzed by EPA Method 1633
- Include the list of PFAS compounds to be analyzed (*PFAS Analyte List*)
- Include the laboratory SOP for PFAS analysis
- List the minimum method-achievable Reporting Limits for PFAS
    - Reporting Limits should be less than or equal to:
        - Aqueous – 2 ng/L (ppt)
        - Solids – 0.5 µg/kg (ppb)
- Include the laboratory Method Detection Limits for the PFAS compounds to be analyzed
-
- Include detailed sampling procedures
    - Precautions to be taken
    - Pump and equipment types
    - Decontamination procedures
    - Approved materials only to be used
- Specify that regular ice only will be used for sample shipment
- Specify that equipment blanks should be collected at a minimum frequency of 1 per day per site for each matrix

Appendix B - Sampling Protocols for PFAS in Soils, Sediments and Solids

General

The objective of this protocol is to give general guidelines for the collection of soil, sediment and other solid samples for PFAS analysis. The sampling procedure used should be consistent with Sampling Guidelines and Protocols – Technological Background and Quality Control/Quality Assurance for NYS DEC Spill Response Program – March 1991 (http://www.dec.ny.gov/docs/remediation_hudson_pdf/sgpsect5.pdf), with the following limitations.

Laboratory Analysis and Containers

Samples collected using this protocol are intended to be analyzed for PFAS using EPA Method 1633.

The preferred material for containers is high density polyethylene (HDPE). Pre-cleaned sample containers, coolers, sample labels, and a chain of custody form will be provided by the laboratory.

Equipment

Acceptable materials for sampling include stainless steel, HDPE, PVC, silicone, acetate, and polypropylene. Additional materials may be acceptable if pre-approved by New York State Department of Environmental Conservation's Division of Environmental Remediation.

No sampling equipment components or sample containers should come in to contact with aluminum foil, low density polyethylene, glass, or polytetrafluoroethylene (PTFE, Teflon™) materials including sample bottle cap liners with a PTFE layer.

A list of acceptable equipment is provided below, but other equipment may be considered appropriate based on sampling conditions.

- stainless steel spoon
- stainless steel bowl
- steel hand auger or shovel without any coatings

Equipment Decontamination

Standard two step decontamination using detergent (Alconox is acceptable) and clean, PFAS-free water will be performed for sampling equipment. All sources of water used for equipment decontamination should be verified in advance to be PFAS-free through laboratory analysis or certification.

Sampling Techniques

Sampling is often conducted in areas where a vegetative turf has been established. In these cases, a pre-cleaned trowel or shovel should be used to carefully remove the turf so that it may be replaced at the conclusion of sampling. Surface soil samples (e.g. 0 to 6 inches below surface) should then be collected using a pre-cleaned, stainless steel spoon. Shallow subsurface soil samples (e.g. 6 to ~36 inches below surface) may be collected by digging a hole using a pre-cleaned hand auger or shovel. When the desired subsurface depth is reached, a pre-cleaned hand auger or spoon shall be used to obtain the sample.

When the sample is obtained, it should be deposited into a stainless steel bowl for mixing prior to filling the sample containers. The soil should be placed directly into the bowl and mixed thoroughly by rolling the material into the middle until the material is homogenized. At this point the material within the bowl can be placed into the laboratory provided container.

Sample Identification and Logging

A label shall be attached to each sample container with a unique identification. Each sample shall be included on the chain of custody (COC).

Quality Assurance/Quality Control

- Immediately place samples in a cooler maintained at 4 ± 2º Celsius using ice
- Collect one field duplicate for every sample batch, minimum 1 duplicate per 20 samples. The duplicate shall consist of an additional sample at a given location
- Collect one matrix spike / matrix spike duplicate (MS/MSD) for every sample batch, minimum 1 MS/MSD per 20 samples. The MS/MSD shall consist of an additional two samples at a given location and identified on the COC
- Request appropriate data deliverable (Category B) and an electronic data deliverable

Documentation

A soil log or sample log shall document the location of the sample/borehole, depth of the sample, sampling equipment, duplicate sample, visual description of the material, and any other observations or notes determined to be appropriate. Additionally, care should be performed to limit contact with PFAS containing materials (e.g. waterproof field books, food packaging) during the sampling process.

Personal Protection Equipment (PPE)

For most sampling Level D PPE is anticipated to be appropriate. The sampler should wear nitrile gloves while conducting field work and handling sample containers.

Field staff shall consider the clothing to be worn during sampling activities. Clothing that contains PTFE material (including GORE-TEX®) or that have been waterproofed with PFAS materials should be avoided. All clothing worn by sampling personnel should have been laundered multiple times.

Appropriate rain gear (PVC, polyurethane, or rubber rain gear are acceptable), bug spray, and sunscreen should be used that does not contain PFAS. Well washed cotton coveralls may be used as an alternative to bug spray and/or sunscreen.

PPE that contains PFAS is acceptable when site conditions warrant additional protection for the samplers and no other materials can be used to be protective. Documentation of such use should be provided in the field notes.

Appendix C - Sampling Protocols for PFAS in Monitoring Wells

General

The objective of this protocol is to give general guidelines for the collection of groundwater samples for PFAS analysis. The sampling procedure used should be consistent with Sampling Guidelines and Protocols – Technological Background and Quality Control/Quality Assurance for NYS DEC Spill Response Program – March 1991 (http://www.dec.ny.gov/docs/remediation_hudson_pdf/sgpsect5.pdf), with the following limitations.

Laboratory Analysis and Container

Samples collected using this protocol are intended to be analyzed for PFAS using EPA Method 1633.

The preferred material for containers is high density polyethylene (HDPE). Pre-cleaned sample containers, coolers, sample labels, and a chain of custody form will be provided by the laboratory.

Equipment

Acceptable materials for sampling include: stainless steel, HDPE, PVC, silicone, acetate, and polypropylene. Additional materials may be acceptable if pre-approved by New York State Department of Environmental Conservation's Division of Environmental Remediation.

No sampling equipment components or sample containers should come in contact with aluminum foil, low density polyethylene, glass, or polytetrafluoroethylene (PTFE, Teflon™) materials including plumbers tape and sample bottle cap liners with a PTFE layer.

A list of acceptable equipment is provided below, but other equipment may be considered appropriate based on sampling conditions.

- stainless steel inertia pump with HDPE tubing
- peristaltic pump equipped with HDPE tubing and silicone tubing
- stainless steel bailer with stainless steel ball
- bladder pump (identified as PFAS-free) with HDPE tubing

Equipment Decontamination

Standard two step decontamination using detergent (Alconox is acceptable) and clean, PFAS-free water will be performed for sampling equipment. All sources of water used for equipment decontamination should be verified in advance to be PFAS-free through laboratory analysis or certification.

Sampling Techniques

Monitoring wells should be purged in accordance with the sampling procedure (standard/volume purge or low flow purge) identified in the site work plan, which will determine the appropriate time to collect the sample. If sampling using standard purge techniques, additional purging may be needed to reduce turbidity levels, so samples contain a limited amount of sediment within the sample containers. Sample containers that contain sediment may cause issues at the laboratory, which may result in elevated reporting limits and other issues during the sample preparation that can compromise data usability. Sampling personnel should don new nitrile gloves prior to sample collection due to the potential to contact PFAS containing items (not related to the sampling equipment) during the purging activities.

Sample Identification and Logging

A label shall be attached to each sample container with a unique identification. Each sample shall be included on the chain of custody (COC).

Quality Assurance/Quality Control

- Immediately place samples in a cooler maintained at 4 ± 2º Celsius using ice
- Collect one field duplicate for every sample batch, minimum 1 duplicate per 20 samples. The duplicate shall consist of an additional sample at a given location
- Collect one matrix spike / matrix spike duplicate (MS/MSD) for every sample batch, minimum 1 MS/MSD per 20 samples. The MS/MSD shall consist of an additional two samples at a given location and identified on the COC
- Collect one equipment blank per day per site and minimum 1 equipment blank per 20 samples. The equipment blank shall test the new and decontaminated sampling equipment utilized to obtain a sample for residual PFAS contamination. This sample is obtained by using laboratory provided PFAS-free water and passing the water over or through the sampling device and into laboratory provided sample containers
- Additional equipment blank samples may be collected to assess other equipment that is utilized at the monitoring well
- Request appropriate data deliverable (Category B) and an electronic data deliverable

Documentation

A purge log shall document the location of the sample, sampling equipment, groundwater parameters, duplicate sample, visual description of the material, and any other observations or notes determined to be appropriate. Additionally, care should be performed to limit contact with PFAS containing materials (e.g. waterproof field books, food packaging) during the sampling process.

Personal Protection Equipment (PPE)

For most sampling Level D PPE is anticipated to be appropriate. The sampler should wear nitrile gloves while conducting field work and handling sample containers.

Field staff shall consider the clothing to be worn during sampling activities. Clothing that contains PTFE material (including GORE-TEX®) or that have been waterproofed with PFAS materials should be avoided. All clothing worn by sampling personnel should have been laundered multiple times.

Appropriate rain gear (PVC, polyurethane, or rubber rain gear are acceptable), bug spray, and sunscreen should be used that does not contain PFAS. Well washed cotton coveralls may be used as an alternative to bug spray and/or sunscreen.

PPE that contains PFAS is acceptable when site conditions warrant additional protection for the samplers and no other materials can be used to be protective. Documentation of such use should be provided in the field notes.

Appendix D - Sampling Protocols for PFAS in Surface Water

General

The objective of this protocol is to give general guidelines for the collection of surface water samples for PFAS analysis. The sampling procedure used should be consistent with Sampling Guidelines and Protocols – Technological Background and Quality Control/Quality Assurance for NYS DEC Spill Response Program – March 1991 (http://www.dec.ny.gov/docs/remediation_hudson_pdf/sgpsect5.pdf), with the following limitations.

Laboratory Analysis and Container

Samples collected using this protocol are intended to be analyzed for PFAS using EPA Method 1633.

The preferred material for containers is high density polyethylene (HDPE). Pre-cleaned sample containers, coolers, sample labels, and a chain of custody form will be provided by the laboratory.

Equipment

Acceptable materials for sampling include: stainless steel, HDPE, PVC, silicone, acetate, and polypropylene. Additional materials may be acceptable if pre-approved by New York State Department of Environmental Conservation's Division of Environmental Remediation.

No sampling equipment components or sample containers should come in contact with aluminum foil, low density polyethylene, glass, or polytetrafluoroethylene (PTFE, Teflon™) materials including sample bottle cap liners with a PTFE layer.

A list of acceptable equipment is provided below, but other equipment may be considered appropriate based on sampling conditions.

- stainless steel cup

Equipment Decontamination

Standard two step decontamination using detergent (Alconox is acceptable) and clean, PFAS-free water will be performed for sampling equipment. All sources of water used for equipment decontamination should be verified in advance to be PFAS-free through laboratory analysis or certification.

Sampling Techniques

Where conditions permit, (e.g. creek or pond) sampling devices (e.g. stainless steel cup) should be rinsed with site medium to be sampled prior to collection of the sample. At this point the sample can be collected and poured into the sample container.

If site conditions permit, samples can be collected directly into the laboratory container.

Sample Identification and Logging

A label shall be attached to each sample container with a unique identification. Each sample shall be included on the chain of custody (COC).

Quality Assurance/Quality Control

- Immediately place samples in a cooler maintained at 4 ± 2º Celsius using ice
- Collect one field duplicate for every sample batch, minimum 1 duplicate per 20 samples. The duplicate shall consist of an additional sample at a given location
- Collect one matrix spike / matrix spike duplicate (MS/MSD) for every sample batch, minimum 1 MS/MSD per 20 samples. The MS/MSD shall consist of an additional two samples at a given location and identified on the COC
- Collect one equipment blank per day per site and minimum 1 equipment blank per 20 samples. The equipment blank shall test the new and decontaminated sampling equipment utilized to obtain a sample for residual PFAS contamination. This sample is obtained by using laboratory provided PFAS-free water and passing the water over or through the sampling device and into laboratory provided sample containers
- Request appropriate data deliverable (Category B) and an electronic data deliverable

Documentation

A sample log shall document the location of the sample, sampling equipment, duplicate sample, visual description of the material, and any other observations or notes determined to be appropriate. Additionally, care should be performed to limit contact with PFAS containing materials (e.g. waterproof field books, food packaging) during the sampling process.

Personal Protection Equipment (PPE)

For most sampling Level D PPE is anticipated to be appropriate. The sampler should wear nitrile gloves while conducting field work and handling sample containers.

Field staff shall consider the clothing to be worn during sampling activities. Clothing that contains PTFE material (including GORE-TEX®) or that have been waterproofed with PFAS materials should be avoided. All clothing worn by sampling personnel should have been laundered multiple times.

Appropriate rain gear (PVC, polyurethane, or rubber rain gear are acceptable), bug spray, and sunscreen should be used that does not contain PFAS. Well washed cotton coveralls may be used as an alternative to bug spray and/or sunscreen.

PPE that contains PFAS is acceptable when site conditions warrant additional protection for the samplers and no other materials can be used to be protective. Documentation of such use should be provided in the field notes.

Appendix E - Sampling Protocols for PFAS in Private Water Supply Wells

General

The objective of this protocol is to give general guidelines for the collection of water samples from private water supply wells (with a functioning pump) for PFAS analysis. The sampling procedure used should be consistent with Sampling Guidelines and Protocols – Technological Background and Quality Control/Quality Assurance for NYS DEC Spill Response Program – March 1991 (http://www.dec.ny.gov/docs/remediation_hudson_pdf/sgpsect5.pdf), with the following limitations.

Laboratory Analysis and Container

Drinking water samples collected using this protocol are intended to be analyzed for PFAS by EPA Method 537, 537.1, 533, or ISO Method 25101. The preferred material for containers is high density polyethylene (HDPE). Pre-cleaned sample containers, coolers, sample labels, and a chain of custody form will be provided by the laboratory.

Equipment

Acceptable materials for sampling include stainless steel, HDPE, PVC, silicone, acetate, and polypropylene. Additional materials may be acceptable if pre-approved by New York State Department of Environmental Conservation's Division of Environmental Remediation.

No sampling equipment components or sample containers should come in contact with aluminum foil, low density polyethylene, glass, or polytetrafluoroethylene (PTFE, Teflon™) materials (e.g. plumbers tape), including sample bottle cap liners with a PTFE layer.

Equipment Decontamination

Standard two step decontamination using detergent (Alconox is acceptable) and clean, PFAS-free water will be performed for sampling equipment. All sources of water used for equipment decontamination should be verified in advance to be PFAS-free through laboratory analysis or certification.

Sampling Techniques

Locate and assess the pressure tank and determine if any filter units are present within the building. Establish the sample location as close to the well pump as possible, which is typically the spigot at the pressure tank. Ensure sampling equipment is kept clean during sampling as access to the pressure tank spigot, which is likely located close to the ground, may be obstructed and may hinder sample collection.

Prior to sampling, a faucet downstream of the pressure tank (e.g., washroom sink) should be run until the well pump comes on and a decrease in water temperature is noted which indicates that the water is coming from the well. If the homeowner is amenable, staff should run the water longer to purge the well (15+ minutes) to provide a sample representative of the water in the formation rather than standing water in the well and piping system including the pressure tank. At this point a new pair of nitrile gloves should be donned and the sample can be collected from the sample point at the pressure tank.

Sample Identification and Logging

A label shall be attached to each sample container with a unique identification. Each sample shall be included on the chain of custody (COC).

Quality Assurance/Quality Control

- Immediately place samples in a cooler maintained at 4 ± 2º Celsius using ice
- Collect one field duplicate for every sample batch, minimum 1 duplicate per 20 samples. The duplicate shall consist of an additional sample at a given location
- Collect one matrix spike / matrix spike duplicate (MS/MSD) for every sample batch, minimum 1 MS/MSD per 20 samples. The MS/MSD shall consist of an additional two samples at a given location and identified on the COC
- If equipment was used, collect one equipment blank per day per site and a minimum 1 equipment blank per 20 samples. The equipment blank shall test the new and decontaminated sampling equipment utilized to obtain a sample for residual PFAS contamination. This sample is obtained by using laboratory provided PFAS-free water and passing the water over or through the sampling device and into laboratory provided sample containers.
- A field reagent blank (FRB) should be collected at a rate of one per 20 samples. The lab will provide a FRB bottle containing PFAS free water and one empty FRB bottle. In the field, pour the water from the one bottle into the empty FRB bottle and label appropriately.
- Request appropriate data deliverable (Category B) and an electronic data deliverable
- For sampling events where multiple private wells (homes or sites) are to be sampled per day, it is acceptable to collect QC samples at a rate of one per 20 across multiple sites or days.

Documentation

A sample log shall document the location of the private well, sample point location, owner contact information, sampling equipment, purge duration, duplicate sample, visual description of the material, and any other observations or notes determined to be appropriate and available (e.g. well construction, pump type and location, yield, installation date). Additionally, care should be performed to limit contact with PFAS containing materials (e.g. waterproof field books, food packaging) during the sampling process.

Personal Protection Equipment (PPE)

For most sampling Level D PPE is anticipated to be appropriate. The sampler should wear nitrile gloves while conducting field work and handling sample containers.

Field staff shall consider the clothing to be worn during sampling activities. Clothing that contains PTFE material (including GORE-TEX®) or that have been waterproofed with PFAS materials should be avoided. All clothing worn by sampling personnel should have been laundered multiple times.

Appendix F - Sampling Protocols for PFAS in Fish

This appendix contains a copy of the current SOP developed by the Division of Fish and Wildlife (DFW) entitled "General Fish Handling Procedures for Contaminant Analysis" (Ver. 8). This SOP should be followed when collecting fish for contaminant analysis. Note, however, that the Bureau of Ecosystem Health will not be supplying bags or tags. All supplies are the responsibility of the collector

Procedure Name: General Fish Handling Procedures for Contaminant Analysis

Number: FW-005

Purpose: This procedure describes data collection, fish processing and delivery of fish collected for contaminant monitoring. It contains the chain of custody and collection record forms that should be used for the collections.

Organization: Environmental Monitoring Section
Bureau of Ecosystem Health
Division of Fish and Wildlife (DFW)
New York State Department of Environmental Conservation (NYSDEC)
625 Broadway
Albany, New York 12233-4756

Version: 8

Previous Version Date: 21 March 2018

Summary of Changes to this Version: Updated bureau name to Bureau of Ecosystem Health. Added direction to list the names of all field crew on the collection record. Minor formatting changes on chain of custody and collection records.

Originator or Revised by: Wayne Richter, Jesse Becker

Date: 26 April 2019

Quality Assurance Officer and Approval Date: Jesse Becker, 26 April 2019

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

GENERAL FISH HANDLING PROCEDURES FOR CONTAMINANT ANALYSES

A. Original copies of all continuity of evidence (i.e., Chain of Custody) and collection record forms must accompany delivery of fish to the lab. A copy shall be directed to the Project Leader or as appropriate, Wayne Richter. All necessary forms will be supplied by the Bureau of Ecosystem Health. Because some samples may be used in legal cases, it is critical that each section is filled out completely. Each Chain of Custody form has three main sections:

   1. The top box is to be filled out **and signed** by the person responsible for the fish collection (e.g., crew leader, field biologist, researcher). This person is responsible for delivery of the samples to DEC facilities or personnel (e.g., regional office or biologist).

   2. The second section is to be filled out **and signed** by the person responsible for the collections while being stored at DEC, before delivery to the analytical lab. This may be the same person as in (1), but it is still required that they complete the section. Also important is the **range of identification numbers** (i.e., tag numbers) included in the sample batch.

   3. Finally, the bottom box is to record any transfers between DEC personnel and facilities. Each subsequent transfer should be **identified, signed, and dated**, until laboratory personnel take possession of the fish.

B. The following data are required on each **Fish Collection Record** form:

   1. Project and Site Name.

   2. DEC Region.

   3. All personnel (and affiliation) involved in the collection.

   4. Method of collection (gill net, hook and line, etc.)

   5. Preservation Method.

C. The following data are to be taken on each fish collected and recorded on the **Fish Collection Record** form:

   1. Tag number - Each specimen is to be individually jaw tagged at time of collection with a unique number. Make sure the tag is turned out so that the number can be read without opening the bag. Use tags in sequential order. For small fish or composite samples place the tag inside the bag with the samples. The Bureau of Ecosystem Health can supply the tags.

   2. Species identification (please be explicit enough to enable assigning genus and species). Group fish by species when processing.

   3. Date collected.

   4. Sample location (waterway and nearest prominent identifiable landmark).

   5. Total length (nearest mm or smallest sub-unit on measuring instrument) and weight (nearest g or

smallest sub-unit of weight on weighing instrument). Take all measures as soon as possible with calibrated, protected instruments (e.g. from wind and upsets) and prior to freezing.

6. Sex - fish may be cut enough to allow sexing or other internal investigation, but do not eviscerate. Make any incision on the right side of the belly flap or exactly down the midline so that a left-side fillet can be removed.

D. General data collection recommendations:

1. It is helpful to use an ID or tag number that will be unique. It is best to use metal striped bass or other uniquely numbered metal tags. If uniquely numbered tags are unavailable, values based on the region, water body and year are likely to be unique: for example, R7CAY11001 for Region 7, Cayuga Lake, 2011, fish 1. If the fish are just numbered 1 through 20, we have to give them new numbers for our database, making it more difficult to trace your fish to their analytical results and creating an additional possibility for errors.

2. Process and record fish of the same species sequentially. Recording mistakes are less likely when all fish from a species are processed together. Starting with the bigger fish species helps avoid missing an individual.

3. If using Bureau of Ecosystem Health supplied tags or other numbered tags, use tags in sequence so that fish are recorded with sequential Tag Numbers. This makes data entry and login at the lab and use of the data in the future easier and reduces keypunch errors.

4. Record length and weight as soon as possible after collection and before freezing. Other data are recorded in the field upon collection. An age determination of each fish is optional, but if done, it is recorded in the appropriate “Age” column.

5. For composite samples of small fish, record the number of fish in the composite in the Remarks column. Record the length and weight of each individual in a composite. All fish in a composite sample should be of the same species and members of a composite should be visually matched for size.

6. Please submit photocopies of topographic maps or good quality navigation charts indicating sampling locations. GPS coordinates can be entered in the Location column of the collection record form in addition to or instead for providing a map. These records are of immense help to us (and hopefully you) in providing documented location records which are not dependent on memory and/or the same collection crew. In addition, they may be helpful for contaminant source trackdown and remediation/control efforts of the Department.

7. When recording data on fish measurements, it will help to ensure correct data recording for the data recorder to call back the numbers to the person making the measurements.

E. Each fish is to be placed in its own individual plastic bag. For small fish to be analyzed as a composite, put all of the fish for one composite in the same bag but use a separate bag for each composite. It is important to individually bag the fish to avoid difficulties or cross contamination when processing the fish for chemical analysis. Be sure to include the fish’s tag number inside the bag, preferably attached to the fish with the tag number turned out so it can be read. Tie or otherwise secure the bag closed. **The Bureau of Ecosystem Health will supply the bags.** If necessary, food grade bags may be procured from a suitable vendor (e.g., grocery store). It is preferable to redundantly label each bag with a manila tag tied between the knot and the body of the bag. This tag should be labeled with the project name, collection location, tag number, collection date, and fish species. If scales are collected, the scale envelope should be labeled with

the same information.

F. Groups of fish, by species, are to be placed in one large plastic bag per sampling location. **The Bureau of Ecosystem Health will supply the larger bags.** Tie or otherwise secure the bag closed. Label the site bag with a manila tag tied between the knot and the body of the bag. The tag should contain: project, collection location, collection date, species and **tag number ranges**. Having this information on the manila tag enables lab staff to know what is in the bag without opening it.

G. Do not eviscerate, fillet or otherwise dissect the fish unless specifically asked to. If evisceration or dissection is specified, the fish must be cut along the exact midline or on the right side so that the left side fillet can be removed intact at the laboratory. If filleting is specified, the procedure for taking a standard fillet (SOP PREPLAB 4) must be followed, including removing scales.

H. Special procedures for PFAS: Unlike legacy contaminants such as PCBs, which are rarely found in day to day life, PFAS are widely used and frequently encountered. Practices that avoid sample contamination are therefore necessary. While no standard practices have been established for fish, procedures for water quality sampling can provide guidance. The following practices should be used for collections when fish are to be analyzed for PFAS:

No materials containing Teflon.
No Post-it notes.
No ice packs; only water ice or dry ice.
Any gloves worn must be powder free nitrile.
No Gore-Tex or similar materials (Gore-Tex is a PFC with PFOA used in its manufacture).
No stain repellent or waterproof treated clothing; these are likely to contain PFCs.
Avoid plastic materials, other than HDPE, including clipboards and waterproof notebooks.
Wash hands after handling any food containers or packages as these may contain PFCs.
Keep pre-wrapped food containers and wrappers isolated from fish handling.
Wear clothing washed at least six times since purchase.
Wear clothing washed without fabric softener.
Staff should avoid cosmetics, moisturizers, hand creams and similar products on the day of sampling as many of these products contain PFCs (Fujii et al. 2013). Sunscreen or insect repellent should not contain ingredients with “fluor” in their name. Apply any sunscreen or insect repellent well downwind from all materials. Hands must be washed after touching any of these products.

I. All fish must be kept at a temperature <45° F (<8° C) immediately following data processing. As soon as possible, freeze at -20° C ± 5° C. Due to occasional freezer failures, daily freezer temperature logs are required. The freezer should be locked or otherwise secured to maintain chain of custody.

J. In most cases, samples should be delivered to the Analytical Services Unit at the Hale Creek field station. Coordinate delivery with field station staff and send copies of the collection records, continuity of evidence forms and freezer temperature logs to the field station. For samples to be analyzed elsewhere, non-routine collections or other questions, contact Wayne Richter, Bureau of Ecosystem Health, NYSDEC, 625 Broadway, Albany, New York 12233-4756, 518-402-8974, or the project leader about sample transfer. Samples will then be directed to the analytical facility and personnel noted on specific project descriptions.

K. A recommended equipment list is at the end of this document.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF FISH AND WILDLIFE
FISH COLLECTION RECORD

Project and Site Name _____ DEC Region _____

Collections made by (include all crew) _____

Sampling Method: □Electrofishing □Gill netting □Trap netting □Trawling □Seining □Angling □Other _____

Preservation Method: □Freezing □Other _____ Notes (SWFDB survey number): _____

FOR LAB USE ONLY- LAB ENTRY NO.	COLLECTION OR TAG NO.	SPECIES	DATE TAKEN	LOCATION	AGE	SEX &/OR REPROD. CONDIT	LENGTH ( )	WEIGHT ( )	REMARKS

richter: revised 2011, 5/7/15, 10/4/16, 3/20/17; becker: 3/23/17, 4/26/19

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CHAIN OF CUSTODY

I, _____, of _____ collected the
(Print Name) (Print Business Address)

following on _____, 20____ from _____
(Date) (Water Body)

in the vicinity of _____
(Landmark, Village, Road, etc.)

Town of _____, in _____ County.

Item(s) _____

_____

Said sample(s) were in my possession and handled according to standard procedures provided to me prior to collection. The sample(s) were placed in the custody of a representative of the New York State Department of Environmental Conservation on _____, 20_____.

_____ _____
Signature Date

I, _____, received the above mentioned sample(s) on the date specified and assigned identification number(s) _____ to the sample(s). I have recorded pertinent data for the sample(s) on the attached collection records. The sample(s) remained in my custody until subsequently transferred, prepared or shipped at times and on dates as attested to below.

_____ _____
Signature Date

SECOND RECIPIENT (Print Name)	TIME & DATE	PURPOSE OF TRANSFER
SIGNATURE	UNIT	
THIRD RECIPIENT (Print Name)	TIME & DATE	PURPOSE OF TRANSFER
SIGNATURE	UNIT	
FOURTH RECIPIENT (Print Name)	TIME & DATE	PURPOSE OF TRANSFER
SIGNATURE	UNIT	
RECEIVED IN LABORATORY BY (Print Name)	TIME & DATE	REMARKS
SIGNATURE	UNIT	
LOGGED IN BY (Print Name)	TIME & DATE	ACCESSION NUMBERS
SIGNATURE	UNIT	

richter: revised 21 April 2014; becker: 23 March 2017, 26 April, 2019

NOTICE OF WARRANTY

By signature to the chain of custody (reverse), the signatory warrants that the information provided is truthful and accurate to the best of his/her ability. The signatory affirms that he/she is willing to testify to those facts provided and the circumstances surrounding the same. Nothing in this warranty or chain of custody negates responsibility nor liability of the signatories for the truthfulness and accuracy of the statements provided.

HANDLING INSTRUCTIONS

On day of collection, collector(s) name(s), address(es), date, geographic location of capture (attach a copy of topographic map or navigation chart), species, number kept of each species, and description of capture vicinity (proper noun, if possible) along with name of Town and County must be indicated on reverse.

Retain organisms in manila tagged plastic bags to avoid mixing capture locations. Note appropriate information on each bag tag.

Keep samples as cool as possible. Put on ice if fish cannot be frozen within 12 hours. If fish are held more than 24 hours without freezing, they will not be retained or analyzed.

Initial recipient (either DEC or designated agent) of samples from collector(s) is responsible for obtaining and recording information on the collection record forms which will accompany the chain of custody. This person will seal the container using packing tape and writing his signature, the time and the date across the tape onto the container with indelible marker. Any time a seal is broken, for whatever purpose, the incident must be recorded on the Chain of Custody (reason, time, and date) in the purpose of transfer block. Container then is resealed using new tape and rewriting signature, with time and date.

EQUIPMENT LIST

Scale or balance of appropriate capacity for the fish to be collected.

Fish measuring board.

Plastic bags of an appropriate size for the fish to be collected and for site bags.

Individually numbered metal tags for fish.

Manila tags to label bags.

Small envelops, approximately 2” x 3.5”, if fish scales are to be collected.

Knife for removing scales.

Chain of custody and fish collection forms.

Clipboard.

Pens or markers.

Paper towels.

Dish soap and brush.

Bucket.

Cooler.

Ice.

Duct tape.

Appendix G – PFAS Analyte List

Group	Chemical Name	Abbreviation	CAS Number
Perfluoroalkyl sulfonic acids	Perfluorobutanesulfonic acid	PFBS	375-73-5
	Perfluoropentanesulfonic acid	PFPeS	2706-91-4
	Perfluorohexanesulfonic acid	PFHxS	355-46-4
	Perfluoroheptanesulfonic acid	PFHpS	375-92-8
	Perfluorooctanesulfonic acid	PFOS	1763-23-1
	Perfluorononanesulfonic acid	PFNS	68259-12-1
	Perfluorodecanesulfonic acid	PFDS	335-77-3
	Perfluorododecanesulfonic acid	PFDoS	79780-39-5
Perfluoroalkyl carboxylic acids	Perfluorobutanoic acid	PFBA	375-22-4
	Perfluoropentanoic acid	PFPeA	2706-90-3
	Perfluorohexanoic acid	PFHxA	307-24-4
	Perfluoroheptanoic acid	PFHpA	375-85-9
	Perfluorooctanoic acid	PFOA	335-67-1
	Perfluorononanoic acid	PFNA	375-95-1
	Perfluorodecanoic acid	PFDA	335-76-2
	Perfluoroundecanoic acid	PFUnA	2058-94-8
	Perfluorododecanoic acid	PFDoA	307-55-1
	Perfluorotridecanoic acid	PFTrDA	72629-94-8
	Perfluorotetradecanoic acid	PFTeDA	376-06-7
Per- and Polyfluoroether carboxylic acids	Hexafluoropropylene oxide dimer acid	HFPO-DA	13252-13-6
	4,8-Dioxa-3H-perfluorononanoic acid	ADONA	919005-14-4
	Perfluoro-3-methoxypropanoic acid	PFMPA	377-73-1
	Perfluoro-4-methoxybutanoic acid	PFMBA	863090-89-5
	Nonafluoro-3,6-dioxaheptanoic acid	NFDHA	151772-58-6
Fluorotelomer sulfonic acids	4:2 Fluorotelomer sulfonic acid	4:2-FTS	757124-72-4
	6:2 Fluorotelomer sulfonic acid	6:2-FTS	27619-97-2
	8:2 Fluorotelomer sulfonic acid	8:2-FTS	39108-34-4
Fluorotelomer carboxylic acids	3:3 Fluorotelomer carboxylic acid	3:3 FTCA	356-02-5
	5:3 Fluorotelomer carboxylic acid	5:3 FTCA	914637-49-3
	7:3 Fluorotelomer carboxylic acid	7:3 FTCA	812-70-4
Perfluorooctane sulfonamides	Perfluorooctane sulfonamide	PFOSA	754-91-6
	N-methylperfluorooctane sulfonamide	NMeFOSA	31506-32-8
	N-ethylperfluorooctane sulfonamide	NEtFOSA	4151-50-2
Perfluorooctane sulfonamidoacetic acids	N-methylperfluorooctane sulfonamidoacetic acid	N-MeFOSAA	2355-31-9
	N-ethylperfluorooctane sulfonamidoacetic acid	N-EtFOSAA	2991-50-6
Perfluorooctane sulfonamide ethanols	N-methylperfluorooctane sulfonamidoethanol	MeFOSE	24448-09-7
	N-ethylperfluorooctane sulfonamidoethanol	EtFOSE	1691-99-2

Group	Chemical Name	Abbreviation	CAS Number
Ether sulfonic acids	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (F-53B Major)	9Cl-PF3ONS	756426-58-1
	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (F-53B Minor)	11Cl-PF3OUdS	763051-92-9
	Perfluoro(2-ethoxyethane) sulfonic acid	PFEESA	113507-82-7

Appendix H - Data Review Guidelines for Analysis of PFAS in Non-Potable Water and Solids

General

These guidelines are intended to be used for the validation of PFAS using EPA Method 1633 for projects within the Division of Environmental Remediation (DER). Data reviewers should understand the methodology and techniques utilized in the analysis. Consultation with the end user of the data may be necessary to assist in determining data usability based on the data quality objectives in the Quality Assurance Project Plan. A familiarity with the laboratory's Standard Operating Procedure may also be needed to fully evaluate the data. If you have any questions, please contact DER's Quality Assurance Officer, Dana Barbarossa, at dana.barbarossa@dec.ny.gov.

Preservation and Holding Time

Samples should be preserved with ice to a temperature of less than 6°C upon arrival at the lab. The holding time is 28 days to extraction for aqueous and solid samples. The time from extraction to analysis for aqueous samples is 28 days and 40 days for solids.

Temperature greatly exceeds 6ºC upon arrival at the lab*	Use professional judgement to qualify detects and non-detects as estimated or rejected
Holding time exceeding 28 days to extraction	Use professional judgement to qualify detects and non-detects as estimated or rejected if holding time is grossly exceeded

*Samples that are delivered to the lab immediately after sampling may not meet the thermal preservation guidelines. Samples are considered acceptable if they arrive on ice or an attempt to chill the samples is observed.

Initial Calibration

The initial calibration should contain a minimum of six standards for linear fit and six standards for a quadratic fit. The relative standard deviation (RSD) for a quadratic fit calibration should be less than 20%.

The low-level calibration standard should be within 50% - 150% of the true value, and the mid-level calibration standard within 70% - 130% of the true value.

%RSD >20%	J flag detects and UJ non detects

Continuing Calibration Verification

Continuing calibration verification (CCV) checks should be analyzed at a frequency of one per ten field samples. If CCV recovery is very low, where detection of the analyte could be in question, ensure a low level CCV was analyzed and use to determine data quality.

CCV recovery <70 or >130%	J flag results

Blanks

There should be no detections in the method blanks above the reporting limits. Equipment blanks, field blanks, rinse blanks etc. should be evaluated in the same manner as method blanks. Use the most contaminated blank to evaluate the sample results.

Blank Result	Sample Result	Qualification
Any detection	<Reporting limit	Qualify as ND at reporting limit
Any detection	>Reporting Limit and >10x the blank result	No qualification
>Reporting limit	>Reporting limit and <10x blank result	J+ biased high

Field Duplicates

A blind field duplicate should be collected at rate of one per twenty samples. The relative percent difference (RPD) should be less than 30% for analyte concentrations greater than two times the reporting limit. Use the higher result for final reporting.

RPD >30%	Apply J qualifier to parent sample

Lab Control Spike

Lab control spikes should be analyzed with each extraction batch or one for every twenty samples. In the absence of lab derived criteria, use 70% - 130% recovery criteria to evaluate the data.

Recovery <70% or >130% (lab derived criteria can also be used)	Apply J qualifier to detects and UJ qualifier to non detects

Matrix Spike/Matrix Spike Duplicate

One matrix spike and matrix spike duplicate should be collected at a rate of one per twenty samples. Use professional judgement to reject results based on out of control MS/MSD recoveries.

Recovery <70% or >130% (lab derived criteria can also be used)	Apply J qualifier to detects and UJ qualifier to non detects of parent sample only
RPD >30%	Apply J qualifier to detects and UJ qualifier to non detects of parent sample only

Extracted Internal Standards (Isotope Dilution Analytes)

Problematic analytes (e.g. PFBA, PFPeA, fluorotelomer sulfonates) can have wider recoveries without qualification. Qualify corresponding native compounds with a J flag if outside of the range.

Recovery <50% or >150%	Apply J qualifier
Recovery <25% or >150% for poor responding analytes	Apply J qualifier
Isotope Dilution Analyte (IDA) Recovery <10%	Reject results

Signal to Noise Ratio

The signal to noise ratio for the quantifier ion should be at least 3:1. If the ratio is less than 3:1, the peak is discernable from the baseline noise and symmetrical, the result can be reported. If the peak appears to be baseline noise and/or the shape is irregular, qualify the result as tentatively identified.

Reporting Limits

If project-specific reporting limits were not met, please indicate that in the report along with the reason (e.g. over dilution, dilution for non-target analytes, high sediment in aqueous samples).

Peak Integrations

Target analyte peaks should be integrated properly and consistently when compared to standards. Ensure branched isomer peaks are included for PFAS where standards are available. Inconsistencies should be brought to the attention of the laboratory or identified in the data review summary report.

ATTACHMENT C
SOIL GAS PURGE VOLUME CALCULATIONS

Soil Gas Sampler Purge Volume Calculation

Volume of Sampling Tip & Disturbed Boring

Inside Diameter =	2	in
Length (sampling tip + drive tube) =	2	in

$V_1 = pi * [2/(2*12)]^2 * 6/12 =$ 3.6E-03 ft^3

Volume of Teflon Tubing

Inside Diameter = 3/16" = 0.1875"	0.1875	in
Length =	3	ft

$V_2 = pi * [0.1875/(2*12)]^2 * 5 =$ 5.8E-04 ft^3

Total Volume of Sampler

$V = V_1 + V_2 =$ 4.2E-03 ft^3 = 1.2E-01 liter

3x volume = 0.4 liter

APPENDIX B
HEALTH AND SAFETY PLAN

STEVENSONS COMMONS B3

1850 LAFAYETTE AVENUE
BRONX, NEW YORK

Health and Safety Plan

BCP Site No.: C203189
AKRF Project Number: 240663

Prepared for:

Stevenson B3 LLC
116 East 27th Street, 11th Floor
New York, NY 10016

Prepared by:

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, New York 10016
212-696-0670

JULY 2025

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Figure 1 – Hospital Route Map

APPENDICES

Appendix A – Potential Health Effects from On-site Contaminants
Appendix B – Report Forms
Appendix C – Emergency Hand Signals

1.0 INTRODUCTION

This environmental Health and Safety Plan (HASP) has been developed for implementation during Remedial Investigation (RI) activities conducted by all personnel on-site, both AKRF employees and others, at the Stevensons Commons B3 site located at 1850 Lafayette Avenue in the Clason Point neighborhood of the Bronx, New York (the Site). The 2.43-acre Site—which is also defined as Bronx Borough Tax Block 3600, portions of Lots 4 and 15—currently consists of a vacant field with overgrown vegetation enclosed by fencing. The subsurface investigation will include the drilling of soil borings, installation of monitoring wells and soil vapor points, and the collection of soil, groundwater, and soil vapor samples. This HASP does not discuss routine health and safety issues common to general construction/excavation, including but not limited to slips, trips, falls, shoring, and other physical hazards.

Available records have documented that the property was historically developed with industrial and manufacturing uses. Based on investigations conducted to date, identified contamination at the Site includes polycyclic aromatic hydrocarbons (PAHs) and metals, including hazardous lead, in soil. This HASP identifies the hazards of concern, the specific chemicals associated with the Site-specific hazards, and measures to provide protection from exposure to the hazards during the investigation work.

All AKRF employees are directed that all work must be performed in accordance with the Company's Generic HASP and all United States Occupational Safety and Health Administration (OSHA)-applicable regulations for the work activities required for the project. All project personnel are furthermore directed that they are not permitted to enter Permit Required Confined Spaces (as defined by OSHA). For issues unrelated to contaminated materials, all non-AKRF employees are to be bound by all applicable OSHA regulations as well as any more stringent requirements specified by their employer in their corporate HASP or otherwise. AKRF is not responsible for providing oversight for issues unrelated to contaminated materials for non-employees. This oversight shall be the responsibility of the employer of that worker or other official designated by that employer.

2.0 HEALTH AND SAFETY GUIDELINES AND PROCEDURES

2.1 Hazard Evaluation

2.1.1 Hazards of Concern

Check all that apply		
(**X**) Organic Chemicals	(**X**) Inorganic Chemicals	( ) Radiological
( ) Biological	( ) Explosive/Flammable	( ) Oxygen Deficient Atm
(**X**) Heat Stress	(**X**) Cold Stress	( ) Carbon Monoxide
Comments: No personnel are permitted to enter permit confined spaces.		

2.1.2 Physical Characteristics

Check all that apply		
( ) Liquid	(**X**) Solid	( ) Sludge
( ) Vapors	( ) Unknown	( ) Other
Comments:		

2.1.3 Hazardous Materials

Check all that apply					
Chemicals	**Solids**	**Sludges**	**Solvents**	**Oils**	**Other**
( ) Acids	( ) Ash	( ) Paints	( ) Halogens	( ) Transformer	( ) Lab
( ) Caustics	( ) Asbestos	( ) Metals	( ) Petroleum	( ) Other DF	( ) Pharm
( ) Pesticides	( ) Tailings	( ) POTW	( ) Other	( ) Motor or Hydraulic Oil	( ) Hospital
( ) Petroleum	(**X**) Other	( ) Other		( ) Gasoline	( ) Rad
( ) Inks	Historic fill material			( ) Fuel Oil	( ) MGP
( ) PCBs					( ) Mold
(**X**) Metals					( ) Cyanide
(**X**)Other: VOCs & SVOCs					

2.1.4 Chemicals of Concern

Chemicals	REL/PEL/STEL	Health Hazards
Benzene	REL = 0.1 ppm PEL = 1 ppm STEL = 5 ppm	Irritation eyes, skin, nose, respiratory system; dizziness; headache, nausea, staggered gait; anorexia, lassitude, dermatitis; bone marrow depression, potential occupational carcinogen.
Toluene	REL = 100 ppm PEL = 200 ppm STEL = 300 ppm	Irritation eyes, nose; lassitude, confusion, euphoria, dizziness, headache; dilated pupils, lacrimation (discharge of tears); anxiety, muscle fatigue, insomnia; paresthesia (skin tingling or numbness); dermatitis; liver, kidney damage.
Ethylbenzene	REL = 100 ppm PEL = 100 ppm	Irritation eyes, skin, mucous membrane; headache; dermatitis; narcosis, coma.
Xylenes	REL = 100 ppm PEL = 100 ppm	Irritation eyes, skin, nose, throat; dizziness, excitement, drowsiness, poor coordination, staggering gait; corneal vacuolization; anorexia, nausea, vomiting, abdominal pain; dermatitis.
Naphthalene	REL = 10 ppm PEL = 10 ppm	Irritation eyes; headache, confusion, excitement, malaise; nausea, vomiting, abdominal pain; irritation bladder; profuse sweating; jaundice; hematuria (blood in the urine), renal shutdown; dermatitis, optical neuritis, corneal damage.
Polycyclic Aromatic Hydrocarbons (PAHs)	PEL = 5 mg/m^3	Harmful effects to skin, bodily fluids, and ability to fight disease, reproductive problems; [potential occupational carcinogen]
Fuel Oil	REL = 350 mg/m^3 PEL = 400 ppm	Nausea, irritation – eyes, hypertension, headache, light-headedness, loss of appetite, poor coordination; long-term exposure – kidney damage, blood clotting problems; potential carcinogen.
Tetrachloroethylene (PCE)	REL = Lowest possible PEL = 100 ppm STEL = 100 ppm	Irritation eyes, skin, nose, throat, respiratory system; nausea; flush face, neck; dizziness, incoordination, headache, drowsiness, skin erythema (skin redness), and liver damage.
Trichloroethylene (TCE)	REL = 25 ppm PEL = 100 ppm	Headaches, lung irritation, dizziness, poor coordination, impaired heart function, unconsciousness, and nerve, kidney and liver damage.
1,2 Dichloroethene (DCE)	REL = 200 ppm PEL = 200 ppm	Nausea, drowsy, tiredness possible heart damage.
Lead	REL = 0.050 mg/m^3 PEL = 0.050 mg/m^3 IDLH = 100 mg/m^3	Harmful effects to brain, kidney, liver, blood. Long-term exposure can result in damage to nervous system and muscle weakness; potential carcinogen. High exposure can lead to death.
Arsenic	REL = 0.002 mg/m^3 PEL = 0.010 mg/m^3 IDLH = 5 mg/m^3	Nausea, vomiting – skin erythema (skin redness), swelling, potential carcinogen, lung damage.
Barium	REL = 0.5 mg/m^3 PEL = 0.5 mg/m^3	Gastrointestinal problems; muscular weakness; vomiting; abdominal cramps; diarrhea; hypertension; potential carcinogen.
Mercury	REL = 0.1 mg/m^3 PEL = 0.1 mg/m^3	Harmful effects to nervous system; brain damage (irritability, tremors, memory problems); kidney damage; short-term exposure – lung damage, nausea, vomiting, diarrhea, hypertension, skin rashes, and eye irritation.
4'4 – DDE & DDT	REL = 0.5 mg/m^3 PEL = 1 mg/m^3	Harmful effects to the nervous system; sweating; nausea; headaches; vomiting, dizziness.
Comments: REL = NIOSH Recommended Exposure Limit PEL = OSHA Permissible Exposure Limit STEL = OSHA Short Term Exposure Limit ppm = parts per million mg/m^3 = milligrams per cubic meter IDLH = Immediately Dangerous to Life or Health		

2.2 Designated Personnel

AKRF will appoint one of its on-site personnel as the Site Safety Officer (SSO). This individual will be responsible for the implementation of the HASP. The SSO will have a 4-year college degree in occupational safety or a related science/engineering field, and experience in implementation of air monitoring and hazardous materials sampling programs. Health and safety training required for the SSO and all field personnel is outlined in Section 2.3 of this HASP.

2.3 Training

All personnel who enter the work area while intrusive activities are being performed will have completed a 40-hour training course that meets OSHA requirements of 29 Code of Federal Regulations (CFR) Part 1910, Occupational Safety and Health Standards. In addition, all personnel will have up-to-date 8-hour refresher training. The training will allow personnel to recognize and understand the potential hazards to health and safety. All field personnel must attend a training program, whose purpose is to:

- Make them aware of the potential hazards they may encounter;
- Provide the knowledge and skills necessary for them to perform the work with minimal risk to health and safety;
- Make them aware of the purpose and limitations of safety equipment; and
- Ensure that they can safely avoid or escape from emergencies.

Each member of the field crew will be instructed in these objectives before he/she goes onto the Site. A site safety meeting will be conducted at the start of the project. Additional meetings shall be conducted, as necessary, for new personnel working at the Site.

2.4 Medical Surveillance Program

All AKRF and subcontractor personnel performing field work involving subsurface disturbance at the Site are required to have passed a complete medical surveillance examination in accordance with 29 CFR 1910.120 (f). A physician's medical release for work will be confirmed by the SSO before an employee can begin activities at the Site. The medical release shall consider the type of work to be performed and the required personal protective equipment (PPE). The medical examination will, at a minimum, be provided annually and upon termination of hazardous waste site work.

2.5 Site Work Zones

During any activities involving subsurface disturbance, the work area must be divided into various zones to prevent the spread of contamination, ensure that proper protective equipment is donned, and provide an area for decontamination.

The Exclusion Zone is defined as the area where exposure to impacted media could be encountered. The Contamination Reduction Zone (CRZ) is the area where decontamination procedures take place and is located next to the Exclusion Zone. The Support Zone is the zone area where support facilities such as vehicles, a fire extinguisher, and first aid supplies are located. The emergency staging area (part of the Support Zone) is the area where all workers on-site would assemble in the event of an emergency. A summary of these areas is provided below. These zones may be changed by the SSO, depending on that day's activities. All field personnel will be informed of the location of these zones before work begins.

Task	Exclusion Zone	CRZ	Support Zone
Soil Borings/Soil Vapor Points/ Monitoring Wells	10 feet from drilling equipment	25 feet from drilling equipment	As Needed
Comments: Control measures such as "caution tape" and/or traffic cones will be placed around the perimeter of the work area when work is being done in a public area.			

2.6 Air Monitoring

The purpose of the air monitoring program is to identify any exposure of the field personnel to potential environmental hazards associated with the documented soil and groundwater contamination. Results of the air monitoring will be used to determine the appropriate response action, if needed.

2.6.1 Volatile Organic Compounds

A photoionization detector (PID) will be used to perform air monitoring during soil disturbance activities to determine airborne levels of total volatile organic compounds (VOCs). The PID will be calibrated at the start of the workday with a 100 parts per million (ppm) isobutylene standard.

2.6.2 Work Zone Air Monitoring

Real time air monitoring will be performed with the PID. Measurements will be taken prior to commencement of work and continuously during the work. Measurements will be made as close to the workers as practicable and at the breathing height of the workers. The SSO shall set up the equipment and confirm that it is working properly. His/her designee may oversee the air measurements during the day. The initial measurement for the day will be performed before the start of work and will establish the background level for that day. The final measurement for the day will be performed after the end of work. The action levels and required responses are listed in the following table.

Instrument	Action Level	Response Action
PID	Less than 10 ppm in breathing zone	Level D or D-Modified
	Between 10 ppm and 20 ppm	Level C
	More than 20 ppm	Stop work. Resume work when readings are less then 20 ppm.
Notes: ppm = parts per million		

2.6.3 Community Air Monitoring Plan

Community air monitoring will be conducted during all intrusive Site activities in compliance with the New York State Department of Health (NYSDOH) site-specific Community Air Monitoring Plan (CAMP). Real-time air monitoring for VOCs at the perimeter of the Exclusion Zone will be performed as described below.

VOC Monitoring

Periodic monitoring for VOCs will be conducted during non-intrusive activities such as the collection of groundwater samples. Periodic monitoring may include obtaining measurements upon arrival at a location, while opening a monitoring well cap, when

bailing/purging a well, and upon leaving the location. In some instances, depending on the proximity of exposed individuals, continuous monitoring may be conducted during these activities.

Continuous monitoring for VOCs will be conducted during all ground intrusive activities (i.e., soil boring and monitoring well/soil gas point installation). VOC concentrations will be measured in the work zone and at each selected monitoring station at the start of each workday, and periodically thereafter, to establish background concentrations.

Exclusion Zone Monitoring

VOCs will be monitored continuously within the Exclusion Zone. Monitoring will be conducted with a PID equipped with a 10.6 electron volt (eV) lamp capable of calculating 15-minute running average concentrations. The following actions will be taken based on organic vapor levels measured:

- If total organic vapor levels exceed 5 ppm above background for the 15-minute average at the Exclusion Zone perimeter, work activities will be temporarily halted and monitoring continued. If levels readily decrease (per instantaneous readings) below 5 ppm above background, work activities will resume with continued monitoring.
- If total organic vapor levels at the perimeter of the Exclusion Zone persist at levels in excess of 5 ppm above background but less than 25 ppm, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities will resume provided that the total organic vapor level 200 feet downwind of the hot zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less, but in no case less than 20 feet, is below 5 ppm above background for the 15-minute average.
- If the total organic vapor level is above 25 ppm at the perimeter of the Exclusion Zone, activities will be shut down and the Major Vapor Emission Response Plan (described below) will be automatically implemented.

More frequent intervals of monitoring will be conducted if required as determined by the SSO. All 15-minute readings will be recorded and available for New York State Department of Environmental Conservation (NYSDEC) and NYSDOH personnel to review. Instantaneous readings, if any, will also be recorded.

Fixed Air Monitoring Stations

Fixed monitoring stations will be included outside of the Exclusion Zone. The fixed monitoring stations will be fully enclosed and equipped with the following:

- A PID equipped with a 10.6 eV lamp capable of calculating 15-minute running average VOC concentrations;
- A TSI 8530 DustTrak II or equivalent dust monitor capable of measuring the concentration of airborne respirable particulates less than 10 micrometers in size (PM10) and calculating 15-minute running average particulate concentrations; and
- A Netronix™ Thiamus™ ICU-820 or equivalent Global System for Mobile Communication (GSM)/Global Positioning System (GPS) device capable of recording air monitoring and location data.

All air monitoring data recorded at the fixed monitoring stations will be available for NYSDOH and/or NYSDEC review and will be included in the Remedial Investigation Report (RIR).

If any organic levels greater than 1 ppm over background are identified at a fixed monitoring station, all work activities must be halted or vapor controls must be implemented.

If, following the cessation of the work activities, or as the result of an emergency, organic levels persist above 1 ppm above background at a monitoring station, then the following contingency measures will be implemented:

- If total organic vapor levels exceed 1 ppm above background for the 15-minute average at the monitoring station, work activities will be temporarily halted and monitoring continued. If levels readily decrease (per instantaneous readings) below 1 ppm above background, work activities will resume with continued monitoring.
- If total organic vapor levels at the perimeter of the Exclusion Zone persist at levels in excess of 1 ppm above background, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities will resume provided that the total organic vapor level at the monitoring station is below 1 ppm above background for the 15-minute average.
- If the total organic vapor level remains above 1 ppm at the monitoring station, activities will be shut down, and the Major Vapor Emission Response Plan (described below) will be automatically implemented.

Major Vapor Emission Response Plan

Upon activation, the following activities shall be undertaken as part of the Major Vapor Emission Response Plan:

- NYSDEC, NYSDOH, and the local police will immediately be contacted by the SSO and advised of the situation;
- Frequent air monitoring will be conducted at 30-minute intervals at the monitoring stations. If two successive readings below action levels are measured, air monitoring may be halted or modified by the SSO; and
- All emergency contacts will go into effect as appropriate.

All readings will be recorded and be available for NYSDEC and NYSDOH personnel to review.

2.7 Personal Protective Equipment

The PPE required for various kinds of site investigation tasks are based on 29 CFR 1910.120, Hazardous Waste Operations and Emergency Response, Appendix B, "General Description and Discussion of the Levels of Protection and Protective Gear."

AKRF field personnel and other Site personnel shall wear, at a minimum, Level D PPE. The protection will be based on the air monitoring described in Section 2.6.

Level of Protection & PPE		Soil Boring/Water Sampling
Level D	(**X**) Safety Glasses	Yes
(**X**) Steel Toe Shoes	( ) Face Shield	
(**X**) Hard Hat	(**X**) Ear Plugs (within 25 ft of	

Level of Protection & PPE		Soil Boring/Water Sampling
(within 25 ft of drill rig) (**X**) Work Gloves	drill rig) (**X**) Nitrile Gloves (**X**) Tyvek for drill operator if NAPL present	
Level C ***(in addition to Level D)*** (**X**) Half-Face Respirator OR (**X**) Full Face Respirator ( ) Full-Face PAPR	( ) Particulate Cartridge ( ) Organic Cartridge (**X**) Dual Organic/ Particulate Cartridge	If PID > 10 ppm (breathing zone)
Comments: Cartridges to be changed out at least once per shift unless warranted beforehand (e.g., more difficult to breathe or any odors detected).		

2.8 General Work Practices

To protect the health and safety of the field personnel, field personnel will adhere to the guidelines listed below during activities involving subsurface disturbance:

- Eating, drinking, chewing gum or tobacco, and smoking are prohibited, except in designated areas on the Site. These areas will be designated by the SSO.
- Workers must wash their hands thoroughly upon leaving the work area and before eating, drinking, or any other such activity.
- Workers should shower as soon as possible after leaving the Site. Contact with contaminated or suspected surfaces should be avoided.
- The buddy system should always be used; each buddy should watch for signs of fatigue, exposure, and heat/cold stress.

3.0 EMERGENCY PROCEDURES AND EMERGENCY RESPONSE PLAN

The field crew will be equipped with emergency equipment, such as a first aid kit and disposable eye washes. In the case of a medical emergency, the SSO will determine the nature of the emergency and he/she will have someone call for an ambulance, if needed. If the nature of the injury is not serious (i.e., the person can be moved without expert emergency medical personnel), he/she should be taken to a hospital by on-site personnel. Directions to the hospital are provided below, and a hospital route map is attached as Figure 1.

3.1 Hospital Directions

Hospital Name:	Montefiore Weiler Hospital
Phone Number:	(718) 904-2904
Address/Location:	1825 Eastchester Road Bronx, NY 10461 (The emergency department is accessible from Sacket Avenue)
Directions:	1. Exit Stevenson Commons parking lot and turn RIGHT onto *Lafayette Avenue* 2. Turn LEFT onto *Underhill Avenue* 3. Turn RIGHT onto *Bruckner Boulevard* 4. MERGE onto I-278 toward *New Haven, CT* 5. Take Exit 54 toward *I-295 South/I-678 South toward Throgs Neck Bridge and Whitestone Bridge* 6. CONTINUE toward *Hutchinson River Parkway* 7. CONTINUE toward *East Tremont and Westchester Avenue* 8. Take Exit 1D toward *Bronx and Pelham Parkway* 9. Turn LEFT onto *Eastchester Road* 10. Continue RIGHT onto *Sackett Avenue* The emergency department entrance will be accessible from Sacket Avenue.

3.2 Emergency Contacts

Company	Individual Name	Title	Contact Number
AKRF	Rebecca Kinal	Remedial Engineer	914-263-8730 (cell) 914-922-2362 (office)
	Deborah Shapiro	QA/QC Officer	914-388-9544 (office) 917-957-8991 (cell)
	Mark Jepsen	Project Manager	646-388-9567 (office) 614-560-5425 (cell)
	Tim Larigan	Alternate Project Manager	646-388-9508 (office) 862-368-8791 (cell)
	Chad Walters	SSO	646-388-9752 (office) 929-428-2998 (cell)
Stevenson B3 LLC	Sarah Pizer	Director	917-346-6443
	Alejandro Ramos	Alternate Director	281-844-1271
Ambulance, Fire Department & Police Department	-	-	911
NYSDEC Spill Hotline	-	-	800-457-7362

4.0 APPROVAL & ACKNOWLEDGMENTS OF HASP

APPROVAL

Signed: _____ Date: _____

AKRF Project Manager

Signed: _____ Date: _____

AKRF Health and Safety Officer

Below is an affidavit that must be signed by all workers who enter the Site. A copy of the HASP must be on-site at all times and will be kept by the SSO.

AFFIDAVIT

I,_____(name), of_____(company name), have read the Health and Safety Plan (HASP) for the Stevenson Commons B3 site. I agree to conduct all on-site work in accordance with the requirements set forth in this HASP and understand that failure to comply with this HASP could lead to my removal from the Site.

Signed: _____ Company: _____ Date: _____
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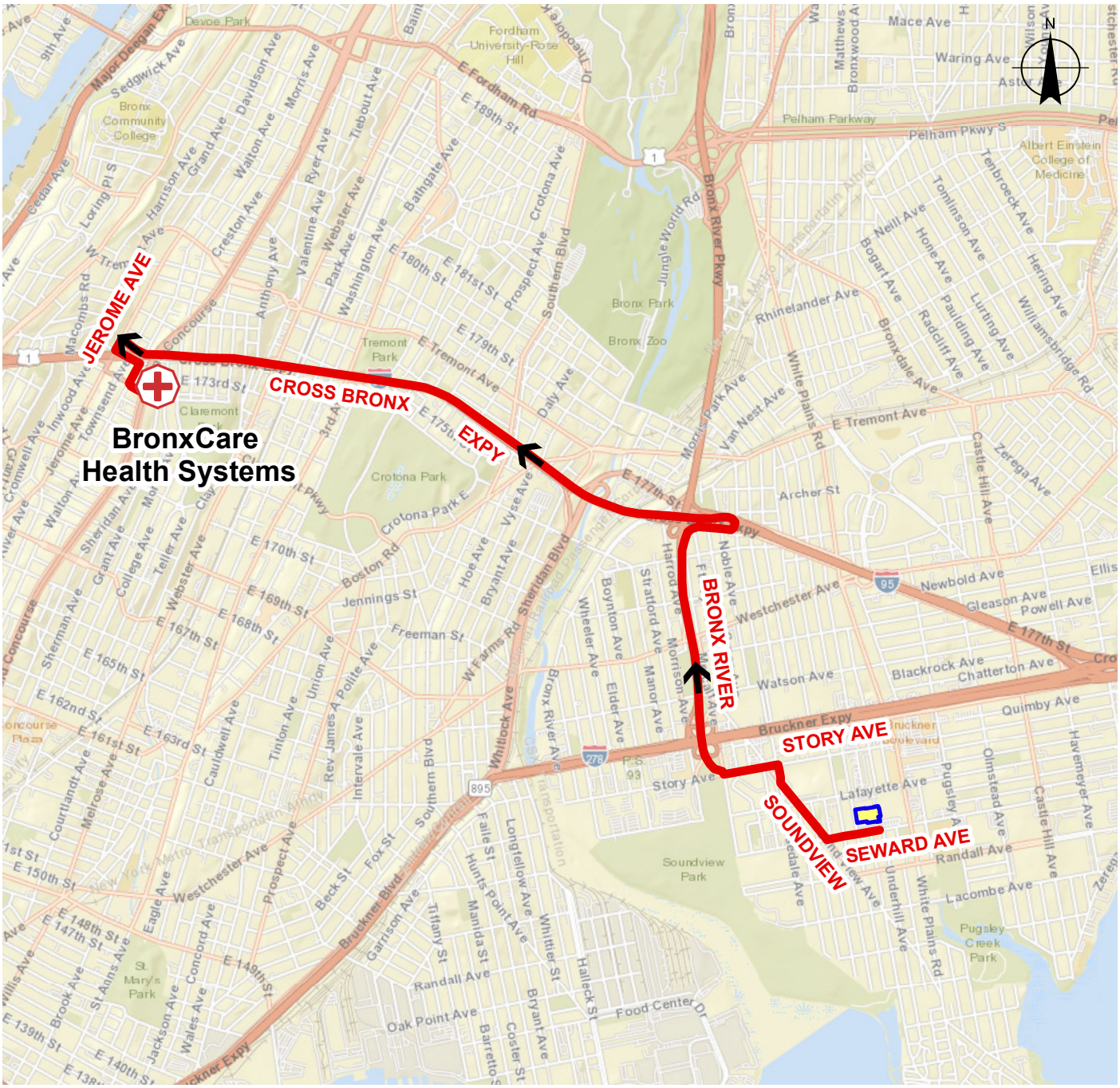
FIGURE 1
HOSPITAL ROUTE MAP



Service Layer Credits: ESRI World Street Map 2021

LEGEND

- BCP SITE BOUNDARY
- HOSPITAL LOCATION
- ROUTE TO HOSPITAL

BronxCare Health System
1650 Grand Concourse
Bronx, NY 10457
(718) 590-1800

0 3,000 6,000
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

Stevenson Commons B3
Bronx, New York

HOSPITAL ROUTE MAP

DATE
3/6/2025

PROJECT NO.
240663

FIGURE
1

©2025 AKRF Q:\Projects\240663 - STEVENSON COMMONS B3\Technical\GIS and Graphics\SAR\240663 Hospital Route Map.mxd 3/6/2025 11:45:02 AM mveilleux

APPENDIX A
POTENTIAL HEALTH EFFECTS FROM ON-SITE CONTAMINANTS

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

ASBESTOS
CAS # 1332-21-4

Division of Toxicology ToxFAQs™ **September 2001**

This fact sheet answers the most frequently asked health questions (FAQs) about asbestos. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, individual susceptibility and personal habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to asbestos usually occurs by breathing contaminated air in workplaces that make or use asbestos. Asbestos is also found in the air of buildings that are being torn down or renovated. Asbestos exposure can cause serious lung problems and cancer. This substance has been found at 83 of the 1,585 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is asbestos?

Asbestos is the name given to a group of six different fibrous minerals (amosite, chrysotile, crocidolite, and the fibrous varieties of tremolite, actinolite, and anthophyllite) that occur naturally in the environment. Asbestos minerals have separable long fibers that are strong and flexible enough to be spun and woven and are heat resistant. Because of these characteristics, asbestos has been used for a wide range of manufactured goods, mostly in building materials (roofing shingles, ceiling and floor tiles, paper products, and asbestos cement products), friction products (automobile clutch, brake, and transmission parts), heat-resistant fabrics, packaging, gaskets, and coatings. Some vermiculite or talc products products may contain asbestos.

What happens to asbestos when it enters the environment?

Asbestos fibers can enter the air or water from the breakdown of natural deposits and manufactured asbestos products. Asbestos fibers do not evaporate into air or dissolve in water. Small diameter fibers and particles may remain suspended in the air for a long time and be carried long distances by wind or water before settling down. Larger diameter fibers and particles tend to settle more quickly.

Asbestos fibers are not able to move through soil. Asbestos fibers are generally not broken down to other compounds and will remain virtually unchanged over long periods.

How might I be exposed to asbestos?

We are all exposed to low levels of asbestos in the air we breathe. These levels range from 0.00001 to 0.0001 fibers per milliliter of air and generally are highest in cities and industrial areas.

People working in industries that make or use asbestos products or who are involved in asbestos mining may be exposed to high levels of asbestos. People living near these industries may also be exposed to high levels of asbestos in air.

Asbestos fibers may be released into the air by the disturbance of asbestos-containing material during product use, demolition work, building or home maintenance, repair, and remodeling. In general, exposure may occur only when the asbestos-containing material is disturbed in some way to release particles and fibers into the air.

Drinking water may contain asbestos from natural sources or from asbestos-containing cement pipes.

How can asbestos affect my health?

Asbestos mainly affects the lungs and the membrane that surrounds the lungs. Breathing high levels of asbestos fibers for a long time may result in scar-like tissue in the lungs and in the pleural membrane (lining) that surrounds the lung. This disease is called asbestosis and is usually found in workers exposed to asbestos, but not in the general public. People with asbestosis have difficulty breathing, often a cough, and in severe cases heart enlargement. Asbestosis is a serious disease and can eventually lead to disability and death.

ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html

Breathing lower levels of asbestos may result in changes called plaques in the pleural membranes. Pleural plaques can occur in workers and sometimes in people living in areas with high environmental levels of asbestos. Effects on breathing from pleural plaques alone are not usually serious, but higher exposure can lead to a thickening of the pleural membrane that may restrict breathing.

How likely is asbestos to cause cancer?

The Department of Health and Human Services (DHHS), the World Health Organization (WHO), and the EPA have determined that asbestos is a human carcinogen.

It is known that breathing asbestos can increase the risk of cancer in people. There are two types of cancer caused by exposure to asbestos: lung cancer and mesothelioma. Mesothelioma is a cancer of the thin lining surrounding the lung (pleural membrane) or abdominal cavity (the peritoneum). Cancer from asbestos does not develop immediately, but shows up after a number of years. Studies of workers also suggest that breathing asbestos can increase chances of getting cancer in other parts of the body (stomach, intestines, esophagus, pancreas, and kidneys), but this is less certain. Early identification and treatment of any cancer can increase an individual's quality of life and survival.

Cigarette smoke and asbestos together significantly increase your chances of getting lung cancer. Therefore, if you have been exposed to asbestos you should stop smoking. This may be the most important action that you can take to improve your health and decrease your risk of cancer.

How can asbestos affect children?

We do not know if exposure to asbestos will result in birth defects or other developmental effects in people. Birth defects have not been observed in animals exposed to asbestos.

It is likely that health effects seen in children exposed to high levels of asbestos will be similar to the effects seen in adults.

How can families reduce the risk of exposure to asbestos?

Materials containing asbestos that are not disturbed or deteriorated do not, in general, pose a health risk and can be left alone. If you suspect that you may be exposed to asbestos in your home, contact your state or local health department or the regional offices of EPA to find out how to test your home and how to locate a company that is trained to remove or contain the fibers.

Is there a medical test to show whether I've been exposed to asbestos?

Low levels of asbestos fibers can be measured in urine, feces, mucus, or lung washings of the general public. Higher than average levels of asbestos fibers in tissue can confirm exposure but not determine whether you will experience any health effects.

A thorough history, physical exam, and diagnostic tests are needed to evaluate asbestos-related disease. Chest x-rays are the best screening tool to identify lung changes resulting from asbestos exposure. Lung function tests and CAT scans also assist in the diagnosis of asbestos-related disease.

Has the federal government made recommendations to protect human health?

In 1989, EPA banned all new uses of asbestos; uses established before this date are still allowed. EPA established regulations that require school systems to inspect for damaged asbestos and to eliminate or reduce the exposure by removing the asbestos or by covering it up. EPA regulates the release of asbestos from factories and during building demolition or renovation to prevent asbestos from getting into the environment.

EPA has proposed a concentration limit of 7 million fibers per liter of drinking water for long fibers (lengths greater than or equal to 5 μm). The Occupational Safety and Health Administration has set limits of 100,000 fibers with lengths greater than or equal to 5 μm per cubic meter of workplace air for 8-hour shifts and 40-hour work weeks.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2001. Toxicological Profile for Asbestos. Update. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html . ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

BENZENE
CAS # 71-43-2

This fact sheet answers the most frequently asked health questions (FAQs) about benzene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Benzene is a widely used chemical formed from both natural processes and human activities. Breathing benzene can cause drowsiness, dizziness, and unconsciousness; long-term benzene exposure causes effects on the bone marrow and can cause anemia and leukemia. Benzene has been found in at least 813 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is benzene?

(Pronounced bĕn′zēn′)

Benzene is a colorless liquid with a sweet odor. It evaporates into the air very quickly and dissolves slightly in water. It is highly flammable and is formed from both natural processes and human activities.

Benzene is widely used in the United States; it ranks in the top 20 chemicals for production volume. Some industries use benzene to make other chemicals which are used to make plastics, resins, and nylon and synthetic fibers. Benzene is also used to make some types of rubbers, lubricants, dyes, detergents, drugs, and pesticides. Natural sources of benzene include volcanoes and forest fires. Benzene is also a natural part of crude oil, gasoline, and cigarette smoke.

What happens to benzene when it enters the environment?

- Industrial processes are the main source of benzene in the environment.
- Benzene can pass into the air from water and soil.
- It reacts with other chemicals in the air and breaks down within a few days.
- Benzene in the air can attach to rain or snow and be carried back down to the ground.
- It breaks down more slowly in water and soil, and can pass through the soil into underground water.
- Benzene does not build up in plants or animals.

How might I be exposed to benzene?

- Outdoor air contains low levels of benzene from tobacco smoke, automobile service stations, exhaust from motor vehicles, and industrial emissions.
- Indoor air generally contains higher levels of benzene from products that contain it such as glues, paints, furniture wax, and detergents.
- Air around hazardous waste sites or gas stations will contain higher levels of benzene.
- Leakage from underground storage tanks or from hazardous waste sites containing benzene can result in benzene contamination of well water.
- People working in industries that make or use benzene may be exposed to the highest levels of it.
- A major source of benzene exposures is tobacco smoke.

How can benzene affect my health?

Breathing very high levels of benzene can result in death, while high levels can cause drowsiness, dizziness, rapid heart rate, headaches, tremors, confusion, and unconsciousness. Eating or drinking foods containing high levels of benzene can cause vomiting, irritation of the stomach, dizziness, sleepiness, convulsions, rapid heart rate, and death.

ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html

The major effect of benzene from long-term (365 days or longer) exposure is on the blood. Benzene causes harmful effects on the bone marrow and can cause a decrease in red blood cells leading to anemia. It can also cause excessive bleeding and can affect the immune system, increasing the chance for infection.

Some women who breathed high levels of benzene for many months had irregular menstrual periods and a decrease in the size of their ovaries. It is not known whether benzene exposure affects the developing fetus in pregnant women or fertility in men.

Animal studies have shown low birth weights, delayed bone formation, and bone marrow damage when pregnant animals breathed benzene.

How likely is benzene to cause cancer?

The Department of Health and Human Services (DHHS) has determined that benzene is a known human carcinogen. Long-term exposure to high levels of benzene in the air can cause leukemia, cancer of the blood-forming organs.

Is there a medical test to show whether I've been exposed to benzene?

Several tests can show if you have been exposed to benzene. There is test for measuring benzene in the breath; this test must be done shortly after exposure. Benzene can also be measured in the blood, however, since benzene disappears rapidly from the blood, measurements are accurate only for recent exposures.

In the body, benzene is converted to products called metabolites. Certain metabolites can be measured in the urine. However, this test must be done shortly after exposure and is not a reliable indicator of how much benzene you have been exposed to, since the metabolites may be present in urine from other sources.

Has the federal government made recommendations to protect human health?

The EPA has set the maximum permissible level of benzene in drinking water at 0.005 milligrams per liter (0.005 mgL). The EPA requires that spills or accidental releases into the environment of 10 pounds or more of benzene be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set a permissible exposure limit of 1 part of benzene per million parts of air (1 ppm) in the workplace during an 8-hour workday, 40-hour workweek.

Glossary

Anemia: A decreased ability of the blood to transport oxygen.

Carcinogen: A substance with the ability to cause cancer.

CAS: Chemical Abstracts Service.

Chromosomes: Parts of the cells responsible for the development of hereditary characteristics.

Metabolites: Breakdown products of chemicals.

Milligram (mg): One thousandth of a gram.

Pesticide: A substance that kills pests.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Benzene (update) produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

CARBON DISULFIDE
CAS # 75-15-0

This fact sheet answers the most frequently asked health questions (FAQs) about carbon disulfide. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to carbon disulfide can occur by breathing it in the air and by drinking water or eating foods that contain it. Breathing very high levels can be life threatening because of its effects on the nervous system. Breathing low levels for long periods may result in headaches, tiredness, trouble sleeping, and slight changes in the nerves. Carbon disulfide has been found in at least 210 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is carbon disulfide?

(Pronounced kär′bən dī-sŭl′fīd′)

Pure carbon disulfide is a colorless liquid with a pleasant odor that is like the smell of chloroform. The impure carbon disulfide that is usually used in most industrial processes is a yellowish liquid with an unpleasant odor, like that of rotting radishes.

Carbon disulfide evaporates at room temperature, and the vapor is more than twice as heavy as air. It easily explodes in air and also catches fire very easily.

In nature, small amounts of carbon disulfide are found in gases released to the earth's surface as, for example, in volcanic eruptions or over marshes. Commercial carbon disulfide is made by combining carbon and sulfur at very high temperatures.

What happens to carbon disulfide when it enters the environment?

- The amount of carbon disulfide released into the air through natural processes is difficult to judge because it is so small.
- Carbon disulfide evaporates rapidly when released to the environment.
- Most carbon disulfide in the air and surface water is from manufacturing and processing activities.
- It is found naturally in coastal and ocean waters.
- Carbon disulfide does not stay dissolved in water very long, and it also moves through soils fairly quickly.
- Carbon disulfide does not appear to be taken up in significant amounts by the organisms living in water.

How might I be exposed to carbon disulfide?

- The people most often exposed to carbon disulfide are workers in plants that use carbon disulfide in their manufacturing processes.
- People may be exposed by breathing air, drinking water, or eating foods that contain it.
- People may also be exposed through skin contact with soil, water, or other substances that contain carbon disulfide.

How can carbon disulfide affect my health?

At very high levels, carbon disulfide may be life-threatening because of its effects on the nervous system. People who

breathed carbon disulfide near an accident involving a railroad car showed changes in breathing and some chest pains.

Some workers who breathed high levels during working hours for at least 6 months had headaches, tiredness, and trouble sleeping. However, these workers may have been exposed to other chemicals besides carbon disulfide. Among workers who breathed lower levels, some developed very slight changes in their nerves.

Studies in animals indicate that carbon disulfide can affect the normal functions of the brain, liver, and heart. After pregnant rats breathed carbon disulfide in the air, some of the newborn rats died or had birth defects.

High concentrations of carbon disulfide have caused skin burns when the chemical accidentally touched people's skin.

How likely is carbon disulfide to cause cancer?

The Department of Health and Human Services (DHHS), the International Agency for Research on Cancer (IARC), and the EPA have not classified carbon disulfide for carcinogenicity.

There are no definitive data in humans or animals that indicate a carcinogenic potential for carbon disulfide.

Is there a medical test to show whether I've been exposed to carbon disulfide?

One chemical test using urine can be done to tell whether the levels of breakdown substances from carbon disulfide are higher than normal. However, the test is not specific for carbon disulfide exposure.

A second test based on a specific breakdown substance is more sensitive and specific. It also requires special equipment and cannot tell you exactly how much carbon disulfide you were exposed to or predict whether harmful effects will occur.

These tests aren't available at most doctors' offices, but can be done at special laboratories that have the right equipment.

Has the federal government made recommendations to protect human health?

The EPA requires that spills or accidental releases into the environment of 100 pounds or more of carbon disulfide be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set a limit of 20 parts of carbon disulfide per million parts of air (20 ppm) for an 8-hour workday for a 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) recommends that workroom air levels of carbon disulfide not exceed 1 ppm for a 10-hour workday, 40-hour workweek.

Glossary

Carcinogenicity: Ability of a substance to cause cancer.

CAS: Chemical Abstracts Service.

Dissolve: To disappear gradually.

Evaporate: To change into vapor or a gas.

References

This ToxFAQs information is taken from the 1996 Toxicological Profile for Carbon Disulfide produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone:1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

CARBON TETRACHLORIDE

CAS # 56-23-5

Division of Toxicology ToxFAQs™ **August 2005**

This fact sheet answers the most frequently asked health questions (FAQs) about carbon tetrachloride. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Carbon tetrachloride does not occur naturally. Exposure to this substance results mostly from breathing air, drinking water, or coming in contact with soil that is contaminated with it. Exposure to very high amounts of carbon tetrachloride can damage the liver, kidneys, and nervous system. Carbon tetrachloride can cause cancer in animals. Carbon tetrachloride has been found in at least 425 of the 1,662 National Priority List sites identified by the Environmental Protection Agency (EPA).

What is carbon tetrachloride?

Carbon tetrachloride is a manufactured chemical that does not occur naturally. It is a clear liquid with a sweet smell that can be detected at low levels. It is also called carbon chloride, methane tetrachloride, perchloromethane, tetrachloroethane, or benziform.

Carbon tetrachloride is most often found in the air as a colorless gas. It is not flammable and does not dissolve in water very easily. It was used in the production of refrigeration fluid and propellants for aerosol cans, as a pesticide, as a cleaning fluid and degreasing agent, in fire extinguishers, and in spot removers. Because of its harmful effects, these uses are now banned and it is only used in some industrial applications.

What happens to carbon tetrachloride when it enters the environment?

- ❏ It moves very quickly into the air upon release, so most of it is in the air.
- ❏ It evaporates quickly surface water.
- ❏ Only a small amount sticks to soil particles; the rest evaporates or moves into the groundwater.
- ❏ It is very stable in air (lifetime 30-100 years).
- ❏ It can be broken down or transformed in soil and water within several days.
- ❏ When it does break down, it forms chemicals that can destroy ozone in the upper atmosphere.
- ❏ It does not build up in animals. We do not know if it build up in plants.

How might I be exposed to carbon tetrachloride?

- ❏ Breathing contaminated air near manufacturing plants or waste sites.
- ❏ Breathing workplace air when it is used.
- ❏ Drinking contaminated water near manufacturing plants and waste sites.
- ❏ Breathing contaminated air and skin contact with water while showering or cooking with contaminated water.
- ❏ Swimming or bathing in contaminated water.
- ❏ Contact with or eating contaminated soil (pica child) at waste sites.

How can carbon tetrachloride affect my health?

High exposure to carbon tetrachloride can cause liver, kidney, and central nervous system damage. These effects can occur after ingestion or breathing carbon tetrachloride, and possibly from exposure to the skin. The liver is especially sensitive to carbon tetrachloride because it enlarges and cells are damaged or destroyed. Kidneys also are damaged, causing a build up of wastes in the blood. If exposure is low and brief, the liver and kidneys can repair the damaged cells and function normally again. Effects of carbon tetrachloride are more severe in persons who drink large amounts of alcohol.

If exposure is very high, the nervous system, including the brain, is affected. People may feel intoxicated and experience headaches, dizziness, sleepiness, and nausea and vomiting. These effects may subside if exposure is stopped, but in severe cases, coma and even death may occur.

CARBON TETRACHLORIDE
CAS # 56-23-5

There have been no studies of the effects of carbon tetrachloride on reproduction in humans, but studies in rats showed that long-term inhalation may cause decreased fertility.

How likely is carbon tetrachloride to cause cancer?

Studies in humans have not been able to determine whether or not carbon tetrachloride can cause cancer because usually there has been exposure to other chemicals at the same time. Swallowing or breathing carbon tetrachloride for years caused liver tumors in animals. Mice that breathed carbon tetrachloride also developed tumors of the adrenal gland. The Department of Health and Human Services (DHHS) has determined that carbon tetrachloride may reasonably be anticipated to be a carcinogen. The International Agency for Research on Cancer (IARC) has determined that carbon tetrachloride is possibly carcinogenic to humans, whereas the EPA determined that carbon tetrachloride is a probable human carcinogen.

How can carbon tetrachloride affect children?

The health effects of carbon tetrachloride have not been studied in children, but they are likely to be similar to those seen in adults exposed to the chemical. We do not know whether children differ from adults in their susceptibility to carbon tetrachloride.

A few survey-type studies suggest that maternal drinking water exposure to carbon tetrachloride might possibly be related to certain birth defects. Studies in animals showed that carbon tetrachloride can cause early fetal deaths, but did not cause birth defects. A study with human breast milk in a test tube suggested that it would be possible for carbon tetrachloride to pass from the maternal circulation to breast milk, but there is no direct demonstration of this occurring.

How can families reduce the risks of exposure to carbon tetrachloride?

❑ Discard any product that contains carbon tetrachloride that you may have at home and may have used in the past.

❑ Household chemicals should be stored out of the reach of children in their original containers.

❑ Sometimes older children sniff household chemical products to get high. Talk to your children about the dangers of sniffing chemicals.

Is there a medical test to determine whether I've been exposed to carbon tetrachloride?

Several sensitive and specific tests are available to measure carbon tetrachloride in exposed persons. The most convenient way is simply to measure carbon tetrachloride in the exhaled air. Carbon tetrachloride also can be measured in blood, fat, or other tissues. These tests are not usually done in the doctor's office because they require special equipment. Although these tests can show that a person has been exposed to carbon tetrachloride, the results cannot be used to reliably predict whether any adverse health effect might result. Because carbon tetrachloride leaves the body fairly quickly, these methods are best suited to detecting exposures that have occurred within the last several days.

Has the federal government made recommendations to protect human health?

The EPA has set a limit for carbon tetrachloride in drinking water of 5 parts of carbon tetrachloride per billion parts of water (5 ppb). The EPA has also set limits on how much carbon tetrachloride can be released from an industrial plant into waste water and is preparing to set limits on how much carbon tetrachloride can escape from an industrial plant into outside air.

The Occupational Safety and Health Administration (OSHA) set a limit of 10 ppm for carbon tetrachloride in workplace air for an 8-hour workday, 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2005. Toxicological Profile for Carbon Tetrachloride (Update). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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COPPER

CAS # 7440-50-8

Division of Toxicology ToxFAQs™ September 2002

This fact sheet answers the most frequently asked health questions (FAQs) about copper. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Copper is a reddish metal that occurs naturally in the environment. It also occurs naturally in plants and animals. Low levels of copper are essential for maintaining good health. High levels can cause harmful effects such as irritation of the nose, mouth and eyes, vomiting, diarrhea, stomach crumps, and nausea. Copper has been found in at least 884 of the 1,613 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is copper?

Copper is a reddish metal that occurs naturally in rocks, soil, water, and air. Copper also occurs naturally in plants and animals.

Metallic copper can be easily molded or shaped. Metallic copper can be found in the U.S. penny, electrical wiring, and some water pipes. Metallic copper is also found in mixtures (called alloys) with other metals such as brass and bronze. Copper is also found as part of other compounds forming salts. Copper salts occur naturally, but are also manufactured. The most common copper salt is copper sulfate. Most copper compounds are blue-green in color. Copper compounds are commonly used in agriculture to treat plant diseases like mildew, for water treatment and, as preservatives for wood, leather, and fabrics.

What happens to copper when it enters the environment?

❑ Copper can enter the environment from the mining of copper and other metals and from factories that make or use metallic copper or copper compounds.

❑ It can also enter the environment through domestic waste water, combustion of fossil fuels and wastes, wood production, phosphate fertilizer production, and natural sources (e.g., windblown dust from soils, volcanoes, decaying vegetation, forest fires, and sea spray).

❑ Copper in soil strongly attaches to organic material and minerals.

❑ Copper that dissolves in water becomes rapidly bound to particles suspended in the water.

❑ Copper does not typically enter groundwater.

❑ Copper carried by particles emitted from smelters and ore processing plants is carried back to the ground by gravity or in rain or snow.

❑ Copper does not break down in the environment.

How might I be exposed to copper?

❑ Breathing air, drinking water, eating food, and by skin contact with soil, water, or other copper-containing substances.

❑ Some copper in the environment can be taken up by plants and animals.

❑ Higher exposure may occur if your water is corrosive and you have copper plumbing and brass water fixtures. ❑ You may be exposed to higher amounts of copper if you drink water or swim in lakes or reservoirs recently treated with copper to control algae or receive cooling water from a power plant that may have high amounts of dissolved copper.

❑ Using some garden products (e.g., fungicides) to control plant diseases.

❑ Living near bronze and brass production facilities may expose you to higher copper levels in soil.

❑ You may breathe copper-containing dust or have skin contact if you work in the industry of mining copper or

processing the ore. You may breathe high levels if you grind or weld copper metal.

How can copper affect my health?

Copper is essential for good health, but high amounts can be harmful. Long-term exposure to copper dust can irritate your nose, mouth, and eyes, and cause headaches, dizziness, nausea, and diarrhea.

Drinking water with higher than normal levels of copper may cause vomiting, diarrhea, stomach cramps, and nausea. Intentionally high intakes of copper can cause liver and kidney damage and even death.

How likely is copper to cause cancer?

We do not know whether copper can cause cancer in humans. The EPA has determined that copper is not classifiable as to carcinogenicity.

How can copper affect children?

Exposure to high levels of copper will result in the same type of effects in children and adults. Studies in animals suggest that the young children may have more severe effects than adults; we do not know if this would also be true in humans. There is a very small percentage of infants and children who are unusually sensitive to copper.

We do not know if copper can cause birth defects or other developmental effects in humans. Studies in animals suggest that ingestion of high levels of copper may cause a decrease in fetal growth.

How can families reduce the risk of exposure to copper?

❑ The greatest potential source of copper exposure is through drinking water, especially in water that is first drawn in the morning after sitting in copper pipes and brass faucets overnight.

❑ To reduce exposure, run the water for at least 15-30 seconds before using it.

❑ If you are exposed to copper at work, you may carry copper home on your skin, clothes, or tools. You can avoid this by showering, and changing clothing before leaving work, and your work clothes should be kept separate from other clothes and laundered separately.

Is there a medical test to show whether I've been exposed to copper?

Copper is normally found in all tissues of the body, blood, urine, feces, hair, and nails. High levels of copper in these samples can show that you have been exposed to higher than normal levels of copper. Tests to measure copper levels in the body are not routinely available at the doctor's office because they require special equipment. These tests cannot tell the extent of exposure or whether you will experience harmful effects.

Has the federal government made recommendations to protect human health?

The EPA has determined that drinking water should not contain more than 1.3 milligrams of copper per liter of water (1.3 mg/L).

The Occupational Safety and Health Administration (OSHA) has set a limit of 0.1 mg per cubic meter (0.1 mg/m^3) of copper fumes (vapor generated from heating copper) and 1 mg/m^3 of copper dusts (fine metallic copper particles) and mists (aerosol of soluble copper) in workroom air during an 8-hour work shift, 40-hour workweek.

The Food and Nutrition Board of the Institute of Medicine recommends dietary allowances (RDAs) of 340 micrograms (340 µg) of copper per day for children aged 1-3 years, 440 µg/day for children aged 4-8 years, 700 µg/day for children aged 9-13 years, 890 µg/day for children aged 14-18 years, and 900 µg/day for adults.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2002. Toxicological Profile for Copper (Draft for Public Comment). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

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DDT, DDE, AND DDD

CAS # 50-29-3, 72-55-9, 72-54-8

Division of Toxicology ToxFAQs™ **September 2002**

This fact sheet answers the most frequently asked health questions (FAQs) about DDT, DDE, and DDD. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to DDT, DDE, and DDD occurs mostly from eating foods containing small amounts of these compounds, particularly meat, fish and poultry. High levels of DDT can affect the nervous system causing excitability, tremors and seizures. In women, DDE can cause a reduction in the duration of lactation and an increased chance of having a premature baby. DDT, DDE, and DDD have been found in at least 441 of the 1,613 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are DDT, DDE, and DDD?

DDT (dichlorodiphenyltrichloroethane) is a pesticide once widely used to control insects in agriculture and insects that carry diseases such as malaria. DDT is a white, crystalline solid with no odor or taste. Its use in the U.S. was banned in 1972 because of damage to wildlife, but is still used in some countries.

DDE (dichlorodiphenyldichloroethylene) and DDD (dichlorodiphenyldichloroethane) are chemicals similar to DDT that contaminate commercial DDT preparations. DDE has no commercial use. DDD was also used to kill pests, but its use has also been banned. One form of DDD has been used medically to treat cancer of the adrenal gland.

What happens to DDT, DDE, and DDD when they enter the environment?

❑ DDT entered the environment when it was used as a pesticide; it still enters the environment due to current use in other countries.

❑ DDE enters the environment as contaminant or breakdown product of DDT; DDD also enters the environment as a breakdown product of DDT.

❑ DDT, DDE, and DDD in air are rapidly broken down by sunlight. Half of what's in air breaks down within 2 days.

❑ They stick strongly to soil; most DDT in soil is broken down slowly to DDE and DDD by microorganisms; half the DDT in soil will break down in 2-15 years, depending on the type of soil.

❑ Only a small amount will go through the soil into groundwater; they do not dissolve easily in water.

❑ DDT, and especially DDE, build up in plants and in fatty tissues of fish, birds, and other animals.

How might I be exposed to DDT, DDE, and DDD?

❑ Eating contaminated foods, such as root and leafy vegetables, fatty meat, fish, and poultry, but levels are very low.

❑ Eating contaminated imported foods from countries that still allow the use of DDT to control pests.

❑ Breathing contaminated air or drinking contaminated water near waste sites and landfills that may contain higher levels of these chemicals.

❑ Infants fed on breast milk from mothers who have been exposed.

❑ Breathing or swallowing soil particles near waste sites or landfills that contain these chemicals.

How can DDT, DDE, and DDD affect my health?

DDT affects the nervous system. People who accidentally swallowed large amounts of DDT became excitable and had tremors and seizures. These effects went away after the exposure stopped. No effects were seen in people who took small daily doses of DDT by capsule for 18 months.

A study in humans showed that women who had high amounts of a form of DDE in their breast milk were unable to

breast feed their babies for as long as women who had little DDE in the breast milk. Another study in humans showed that women who had high amounts of DDE in breast milk had an increased chance of having premature babies.
In animals, short-term exposure to large amounts of DDT in food affected the nervous system, while long-term exposure to smaller amounts affected the liver. Also in animals, short-term oral exposure to small amounts of DDT or its breakdown products may also have harmful effects on reproduction.

How likely are DDT, DDE, and DDD to cause cancer?

Studies in DDT-exposed workers did not show increases in cancer. Studies in animals given DDT with the food have shown that DDT can cause liver cancer.
The Department of Health and Human Services (DHHS) determined that DDT may reasonable be anticipated to be a human carcinogen. The International Agency for Research on Cancer (IARC) determined that DDT may possibly cause cancer in humans. The EPA determined that DDT, DDE, and DDD are probable human carcinogens.

How can DDT, DDE, and DDD affect children?

There are no studies on the health effects of children exposed to DDT, DDE, or DDD. We can assume that children exposed to large amounts of DDT will have health effects similar to the effects seen in adults. However, we do not know whether children differ from adults in their susceptibility to these substances.
There is no evidence that DDT, DDE, or DDD cause birth defects in people. A study showed that teenage boys whose mothers had higher DDE amounts in the blood when they were pregnant were taller than those whose mothers had lower DDE levels. However, a different study found the opposite in preteen girls. The reason for the discrepancy between these studies is unknown.
Studies in rats have shown that DDT and DDE can mimic the action of natural hormones and in this way affect the development of the reproductive and nervous systems. Puberty was delayed in male rats given high amounts of DDE as juveniles. This could possibly happen in humans. A study in mice showed that exposure to DDT during the first weeks of life may cause neurobehavioral problems later in life.

How can families reduce the risk of exposure to DDT,DDE, and DDE?

❑ Most families will be exposed to DDT by eating food or drinking liquids contaminated with small amounts of DDT.
❑ Cooking will reduce the amount of DDT in fish.
❑ Washing fruit and vegetables will remove most DDT from their surface.
❑ Follow health advisories that tell you about consumption of fish and wildlife caught in contaminated areas.

Is there a medical test to show whether I've been exposed to DDT, DDE, and DDD?

Laboratory tests can detect DDT, DDE, and DDD in fat, blood, urine, semen, and breast milk. These tests may show low, moderate, or excessive exposure to these compounds, but cannot tell the exact amount you were exposed to, or whether you will experience adverse effects. These tests are not routinely available at the doctor's office because they require special equipment.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) sets a limit of 1 milligram of DDT per cubic meter of air (1 mg/m^3) in the workplace for an 8-hour shift, 40-hour workweek.
The Food and Drug Administration (FDA) has set limits for DDT, DDE, and DDD in foodstuff at or above which the agency will take legal action to remove the products from the market.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2002. Toxicological Profile for DDT/DDE/DDD (Update). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

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ETHYLBENZENE
CAS # 100-41-4

Agency for Toxic Substances and Disease Registry ToxFAQs **June 1999**

This fact sheet answers the most frequently asked health questions (FAQs) about ethylbenzene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Ethylbenzene is a colorless liquid found in a number of products including gasoline and paints. Breathing very high levels can cause dizziness and throat and eye irritation. Ethylbenzene has been found in at least 731 of the 1,467 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is ethylbenzene?

(Pronounced ĕthʹ əl bĕnʹ zēnʹ)

Ethylbenzene is a colorless, flammable liquid that smells like gasoline. It is found in natural products such as coal tar and petroleum and is also found in manufactured products such as inks, insecticides, and paints.

Ethylbenzene is used primarily to make another chemical, styrene. Other uses include as a solvent, in fuels, and to make other chemicals.

What happens to ethylbenzene when it enters the environment?

- Ethylbenzene moves easily into the air from water and soil.
- It takes about 3 days for ethylbenzene to be broken down in air into other chemicals.
- Ethylbenzene may be released to water from industrial discharges or leaking underground storage tanks.
- In surface water, ethylbenzene breaks down by reacting with other chemicals found naturally in water.
- In soil, it is broken down by soil bacteria.

How might I be exposed to ethylbenzene?

- Breathing air containing ethylbenzene, particularly in areas near factories or highways.
- Drinking contaminated tap water.
- Working in an industry where ethylbenzene is used or made.
- Using products containing it, such as gasoline, carpet glues, varnishes, and paints.

How can ethylbenzene affect my health?

Limited information is available on the effects of ethylbenzene on people's health. The available information shows dizziness, throat and eye irritation, tightening of the chest, and a burning sensation in the eyes of people exposed to high levels of ethylbenzene in air.

Animals studies have shown effects on the nervous system, liver, kidneys, and eyes from breathing ethylbenzene in air.

How likely is ethylbenzene to cause cancer?

The EPA has determined that ethylbenzene is not classifiable as to human carcinogenicity.

ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html

No studies in people have shown that ethylbenzene exposure can result in cancer. Two available animal studies suggest that ethylbenzene may cause tumors.

How can ethylbenzene affect children?

Children may be exposed to ethylbenzene through inhalation of consumer products, including gasoline, paints, inks, pesticides, and carpet glue. We do not know whether children are more sensitive to the effects of ethylbenzene than adults.

It is not known whether ethylbenzene can affect the development of the human fetus. Animal studies have shown that when pregnant animals were exposed to ethylbenzene in air, their babies had an increased number of birth defects.

How can families reduce the risk of exposure to ethylbenzene?

Exposure to ethylbenzene vapors from household products and newly installed carpeting can be minimized by using adequate ventilation.

Household chemicals should be stored out of reach of children to prevent accidental poisoning. Always store household chemicals in their original containers; never store them in containers children would find attractive to eat or drink from, such as old soda bottles. Gasoline should be stored in a gasoline can with a locked cap.

Sometimes older children sniff household chemicals, including ethylbenzene, in an attempt to get high. Talk with your children about the dangers of sniffing chemicals.

Is there a medical test to show whether I've been exposed to ethylbenzene?

Ethylbenzene is found in the blood, urine, breath, and some body tissues of exposed people. The most common way to test for ethylbenzene is in the urine. This test measures substances formed by the breakdown of ethylbenzene. This test needs to be done within a few hours after exposure occurs, because the substances leave the body very quickly.

These tests can show you were exposed to ethylbenzene, but cannot predict the kind of health effects that might occur.

Has the federal government made recommendations to protect human health?

The EPA has set a maximum contaminant level of 0.7 milligrams of ethylbenzene per liter of drinking water (0.7 mg/L).

The EPA requires that spills or accidental releases into the environment of 1,000 pounds or more of ethylbenzene be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set an occupational exposure limit of 100 parts of ethylbenzene per million parts of air (100 ppm) for an 8-hour workday, 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1999. Toxicological profile for ethylbenzene. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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FUEL OILS

CAS # 8008-20-6, 70892-10-3, 68476-30-2, 68476-34-6, 68476-31-3

This fact sheet answers the most frequently asked health questions (FAQs) about fuel oils. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Fuel oils are liquid mixtures produced from petroleum, and their use mostly involves burning them as fuels. Drinking or breathing fuel oils may cause nausea or nervous system effects. However, exposure under normal use conditions is not likely to be harmful. Fuel oils have been found in at least 26 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are fuel oils?

(Pronounced fyo͞o′əl oilz)

Fuel oils are a variety of yellowish to light brown liquid mixtures that come from crude petroleum. Some chemicals found in fuel oils may evaporate easily, while others may more easily dissolve in water.

Fuel oils are produced by different petroleum refining processes, depending on their intended uses. Fuel oils may be used as fuel for engines, lamps, heaters, furnaces, and stoves, or as solvents.

Some commonly found fuel oils include kerosene, diesel fuel, jet fuel, range oil, and home heating oil. These fuel oils differ from one another by their hydrocarbon compositions, boiling point ranges, chemical additives, and uses.

What happens to fuel oils when they enter the environment?

- Some chemicals found in fuel oils may evaporate into the air from open containers or contaminated soil or water.
- Some chemicals found in fuel oils may dissolve in water after spills to surface waters or leaks from underground storage tanks.
- Some chemicals found in fuel oils may stick to particles in water, which will eventually cause them to settle to the bottom sediment.
- Some of the chemicals found in fuel oils may be broken down slowly in air, water, and soil by sunlight or small organisms.
- Some of the chemicals found in fuel oils may build up significantly in plants and animals.

How might I be exposed to fuel oils?

- Using a home kerosene heater or stove, or using fuel oils at work.
- Breathing air in home or building basements that has been contaminated with fuel oil vapors entering from the soil.
- Drinking or swimming in water that has been contaminated with fuel oils from a spill or a leaking underground storage tank.
- Touching soil contaminated with fuel oils.
- Using fuel oils to wash paint or grease from skin or equipment.

How can fuel oils affect my health?

Little information is available about the health effects that may be caused by fuel oils. People who use kerosene

stoves for cooking do not seem to have any health problems related to their exposure.

Breathing some fuel oils for short periods may cause nausea, eye irritation, increased blood pressure, headache, lightheadedness, loss of appetite, poor coordination, and difficulty concentrating. Breathing diesel fuel vapors for long periods may cause kidney damage and lower your blood's ability to clot.

Drinking small amounts of kerosene may cause vomiting, diarrhea, coughing, stomach swelling and cramps, drowsiness, restlessness, painful breathing, irritability, and unconsciousness. Drinking large amounts of kerosene may cause convulsions, coma, or death. Skin contact with kerosene for short periods may cause itchy, red, sore, or peeling skin.

How likely are fuel oils to cause cancer?

The International Agency for Research on Cancer (IARC) has determined that some fuel oils (heavy) may possibly cause cancer in humans, but for other fuel oils (light) there is not enough information to make a determination. IARC has also determined that occupational exposures to fuel oils during petroleum refining are probably carcinogenic in humans.

Some studies with mice have suggested that repeated contact with fuel oils may cause liver or skin cancer. However, other mouse studies have found this not to be the case. No studies are available in other animals or in people on the carcinogenic effects of fuel oils.

Is there a medical test to show whether I've been exposed to fuel oils?

There is no medical test that shows if you have been exposed to fuel oils. Tests are available to determine if some of the chemicals commonly found in fuel oils are in your blood. However, the presence of these chemicals in blood may not necessarily mean that you have been exposed to fuel oils.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) and the Air Force Office of Safety and Health (AFOSH) have set a permissible exposure level (PEL) of 400 parts of petroleum distillates per million parts of air (400 ppm) for an 8-hour workday, 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) recommends that average workplace air levels not exceed 350 milligrams of petroleum distillates per cubic meter of air (350 mg/m^3) for a 40-hour workweek.

The Department of Transportation (DOT) lists fuel oils as hazardous materials and, therefore, regulates their transportation.

Glossary

Carcinogenic: Able to cause cancer.

CAS: Chemical Abstracts Service.

Evaporate: To change into a vapor or a gas.

Hydrocarbon: Any compound made up of hydrogen and carbon.

Milligram (mg): One thousandth of a gram.

ppm: Parts per million.

Sediment: Mud and debris that have settled to the bottom of a body of water.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for fuel oils. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone:1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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LEAD

CAS # 7439-92-1

Division of Toxicology and Environmental Medicine ToxFAQs™ **August 2007**

This fact sheet answers the most frequently asked health questions (FAQs) about lead. For more information, call the ATSDR Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to lead can happen from breathing workplace air or dust, eating contaminated foods, or drinking contaminated water. Children can be exposed from eating lead-based paint chips or playing in contaminated soil. Lead can damage the nervous system, kidneys, and reproductive system. Lead has been found in at least 1,272 of the 1,684 National Priority List sites identified by the Environmental Protection Agency (EPA).

What is lead?

Lead is a naturally occurring bluish-gray metal found in small amounts in the earth's crust. Lead can be found in all parts of our environment. Much of it comes from human activities including burning fossil fuels, mining, and manufacturing.

Lead has many different uses. It is used in the production of batteries, ammunition, metal products (solder and pipes), and devices to shield X-rays. Because of health concerns, lead from paints and ceramic products, caulking, and pipe solder has been dramatically reduced in recent years. The use of lead as an additive to gasoline was banned in 1996 in the United States.

What happens to lead when it enters the environment?

- ❏ Lead itself does not break down, but lead compounds are changed by sunlight, air, and water.
- ❏ When lead is released to the air, it may travel long distances before settling to the ground.
- ❏ Once lead falls onto soil, it usually sticks to soil particles.
- ❏ Movement of lead from soil into groundwater will depend on the type of lead compound and the characteristics of the soil.

How might I be exposed to lead?

- ❏ Eating food or drinking water that contains lead. Water pipes in some older homes may contain lead solder. Lead can leach out into the water.
- ❏ Spending time in areas where lead-based paints have been used and are deteriorating. Deteriorating lead paint can contribute to lead dust.
- ❏ Working in a job where lead is used or engaging in certain hobbies in which lead is used, such as making stained glass.
- ❏ Using health-care products or folk remedies that contain lead.

How can lead affect my health?

The effects of lead are the same whether it enters the body through breathing or swallowing. Lead can affect almost every organ and system in your body. The main target for lead toxicity is the nervous system, both in adults and children. Long-term exposure of adults can result in decreased performance in some tests that measure functions of the nervous system. It may also cause weakness in fingers, wrists, or ankles. Lead exposure also causes small increases in blood pressure, particularly in middle-aged and older people and can cause anemia. Exposure to high lead levels can severely damage the brain and kidneys in adults or children and ultimately cause death. In pregnant women, high levels of exposure to lead may cause miscarriage. High-level exposure in men can damage the organs responsible for sperm production.

How likely is lead to cause cancer?

We have no conclusive proof that lead causes cancer in humans. Kidney tumors have developed in rats and mice that had been given large doses of some kind of lead compounds. The Department of Health and Human Services

(DHHS) has determined that lead and lead compounds are reasonably anticipated to be human carcinogens and the EPA has determined that lead is a probable human carcinogen. The International Agency for Research on Cancer (IARC) has determined that inorganic lead is probably carcinogenic to humans and that there is insufficient information to determine whether organic lead compounds will cause cancer in humans.

How can lead affect children?

Small children can be exposed by eating lead-based paint chips, chewing on objects painted with lead-based paint, or swallowing house dust or soil that contains lead.

Children are more vulnerable to lead poisoning than adults. A child who swallows large amounts of lead may develop blood anemia, severe stomachache, muscle weakness, and brain damage. If a child swallows smaller amounts of lead, much less severe effects on blood and brain function may occur. Even at much lower levels of exposure, lead can affect a child's mental and physical growth.

Exposure to lead is more dangerous for young and unborn children. Unborn children can be exposed to lead through their mothers. Harmful effects include premature births, smaller babies, decreased mental ability in the infant, learning difficulties, and reduced growth in young children. These effects are more common if the mother or baby was exposed to high levels of lead. Some of these effects may persist beyond childhood.

How can families reduce the risks of exposure to lead?

❑ Avoid exposure to sources of lead.

❑ Do not allow children to chew or mouth surfaces that may have been painted with lead-based paint.

❑ If you have a water lead problem, run or flush water that has been standing overnight before drinking or cooking with it.

❑ Some types of paints and pigments that are used as make-up or hair coloring contain lead. Keep these kinds of products away from children

❑ If your home contains lead-based paint or you live in an area contaminated with lead, wash children's hands and faces often to remove lead dusts and soil, and regularly clean the house of dust and tracked in soil.

Is there a medical test to determine whether I've been exposed to lead?

A blood test is available to measure the amount of lead in your blood and to estimate the amount of your recent exposure to lead. Blood tests are commonly used to screen children for lead poisoning. Lead in teeth or bones can be measured by X-ray techniques, but these methods are not widely available. Exposure to lead also can be evaluated by measuring erythrocyte protoporphyrin (EP) in blood samples. EP is a part of red blood cells known to increase when the amount of lead in the blood is high. However, the EP level is not sensitive enough to identify children with elevated blood lead levels below about 25 micrograms per deciliter (μg/dL). These tests usually require special analytical equipment that is not available in a doctor's office. However, your doctor can draw blood samples and send them to appropriate laboratories for analysis.

Has the federal government made recommendations to protect human health?

The Centers for Disease Control and Prevention (CDC) recommends that states test children at ages 1 and 2 years. Children should be tested at ages 3–6 years if they have never been tested for lead, if they receive services from public assistance programs for the poor such as Medicaid or the Supplemental Food Program for Women, Infants, and Children, if they live in a building or frequently visit a house built before 1950; if they visit a home (house or apartment) built before 1978 that has been recently remodeled; and/or if they have a brother, sister, or playmate who has had lead poisoning. CDC considers a blood lead level of 10 μg/dL to be a level of concern for children.

EPA limits lead in drinking water to 15 μg per liter.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2007. Toxicological Profile for lead (Update). Atlanta, GA: U.S. Department of Public Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Environmental Medicine, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-800-232-4636, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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MERCURY
CAS # 7439-97-6

This fact sheet answers the most frequently asked health questions (FAQs) about mercury. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to mercury occurs from breathing contaminated air, ingesting contaminated water and food, and having dental and medical treatments. Mercury, at high levels, may damage the brain, kidneys, and developing fetus. This chemical has been found in at least 714 of 1,467 National Priorities List sites identified by the Environmental Protection Agency.

What is mercury?

(Pronounced mŭr′kyə-rē)

Mercury is a naturally occurring metal which has several forms. The metallic mercury is a shiny, silver-white, odorless liquid. If heated, it is a colorless, odorless gas.

Mercury combines with other elements, such as chlorine, sulfur, or oxygen, to form inorganic mercury compounds or "salts," which are usually white powders or crystals. Mercury also combines with carbon to make organic mercury compounds. The most common one, methylmercury, is produced mainly by microscopic organisms in the water and soil. More mercury in the environment can increase the amounts of methylmercury that these small organisms make.

Metallic mercury is used to produce chlorine gas and caustic soda, and is also used in thermometers, dental fillings, and batteries. Mercury salts are sometimes used in skin lightening creams and as antiseptic creams and ointments.

What happens to mercury when it enters the environment?

- Inorganic mercury (metallic mercury and inorganic mercury compounds) enters the air from mining ore deposits, burning coal and waste, and from manufacturing plants.
- It enters the water or soil from natural deposits, disposal of wastes, and volcanic activity.
- Methylmercury may be formed in water and soil by small organisms called bacteria.
- Methylmercury builds up in the tissues of fish. Larger and older fish tend to have the highest levels of mercury.

How might I be exposed to mercury?

- Eating fish or shellfish contaminated with methylmercury.
- Breathing vapors in air from spills, incinerators, and industries that burn mercury-containing fuels.
- Release of mercury from dental work and medical treatments.
- Breathing contaminated workplace air or skin contact during use in the workplace (dental, health services, chemical, and other industries that use mercury).
- Practicing rituals that include mercury.

How can mercury affect my health?

The nervous system is very sensitive to all forms of mercury. Methylmercury and metallic mercury vapors are more harmful than other forms, because more mercury in these forms reaches the brain. Exposure to high levels of metallic, inorganic, or organic mercury can permanently damage the brain, kidneys, and developing fetus. Effects on brain functioning may result in irritability, shyness, tremors, changes in vision or hearing, and memory problems.

Short-term exposure to high levels of metallic mercury vapors may cause effects including lung damage, nausea,

vomiting, diarrhea, increases in blood pressure or heart rate, skin rashes, and eye irritation.

How likely is mercury to cause cancer?

There are inadequate human cancer data available for all forms of mercury. Mercuric chloride has caused increases in several types of tumors in rats and mice, and methylmercury has caused kidney tumors in male mice. The EPA has determined that mercuric chloride and methylmercury are possible human carcinogens.

How can mercury affect children?

Very young children are more sensitive to mercury than adults. Mercury in the mother's body passes to the fetus and may accumulate there. It can also can pass to a nursing infant through breast milk. However, the benefits of breast feeding may be greater than the possible adverse effects of mercury in breast milk.

Mercury's harmful effects that may be passed from the mother to the fetus include brain damage, mental retardation, incoordination, blindness, seizures, and inability to speak. Children poisoned by mercury may develop problems of their nervous and digestive systems, and kidney damage.

How can families reduce the risk of exposure to mercury?

Carefully handle and dispose of products that contain mercury, such as thermometers or fluorescent light bulbs. Do not vacuum up spilled mercury, because it will vaporize and increase exposure. If a large amount of mercury has been spilled, contact your health department. Teach children not to play with shiny, silver liquids.

Properly dispose of older medicines that contain mercury. Keep all mercury-containing medicines away from children.

Pregnant women and children should keep away from rooms where liquid mercury has been used.

Learn about wildlife and fish advisories in your area from your public health or natural resources department.

Is there a medical test to show whether I've been exposed to mercury?

Tests are available to measure mercury levels in the body. Blood or urine samples are used to test for exposure to metallic mercury and to inorganic forms of mercury. Mercury in whole blood or in scalp hair is measured to determine exposure to methylmercury. Your doctor can take samples and send them to a testing laboratory.

Has the federal government made recommendations to protect human health?

The EPA has set a limit of 2 parts of mercury per billion parts of drinking water (2 ppb).

The Food and Drug Administration (FDA) has set a maximum permissible level of 1 part of methylmercury in a million parts of seafood (1 ppm).

The Occupational Safety and Health Administration (OSHA) has set limits of 0.1 milligram of organic mercury per cubic meter of workplace air (0.1 mg/m^3) and 0.05 mg/m^3 of metallic mercury vapor for 8-hour shifts and 40-hour work weeks.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1999. Toxicological profile for mercury. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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METHYLENE CHLORIDE
CAS # 75-09-2

Division of Toxicology ToxFAQs™ **February 2001**

This fact sheet answers the most frequently asked health questions (FAQs) about methylene chloride. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to methylene chloride occurs mostly from breathing contaminated air, but may also occur through skin contact or by drinking contaminated water. Breathing in large amounts of methylene chloride can damage the central nervous system. Contact of eyes or skin with methylene chloride can result in burns. Methylene chloride has been found in at least 882 of 1,569 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is methylene chloride?

Methylene chloride is a colorless liquid with a mild, sweet odor. Another name for it is dichloromethane. Methylene chloride does not occur naturally in the environment.

Methylene chloride is used as an industrial solvent and as a paint stripper. It may also be found in some aerosol and pesticide products and is used in the manufacture of photographic film.

What happens to methylene chloride when it enters the environment?

❑ Methylene chloride is mainly released to the environment in air. About half of the methylene chloride in air disappears in 53 to 127 days.

❑ Methylene chloride does not easily dissolve in water, but small amounts may be found in drinking water.

❑ We do not expect methylene chloride to build up in plants or animals.

How might I be exposed to methylene chloride?

❑ The most likely way to be exposed to methylene chloride is by breathing contaminated air.

❑ Breathing the vapors given off by products containing methylene chloride. Exposure to high levels of methylene chloride is likely if methylene chloride or a product containing it is used in a room with inadequate ventilation.

How can methylene chloride affect my health?

If you breathe in large amounts of methylene chloride you may feel unsteady, dizzy, and have nausea and a tingling or numbness of your finger and toes. A person breathing smaller amounts of methylene chloride may become less attentive and less accurate in tasks requiring hand-eye coordination. Skin contact with methylene chloride causes burning and redness of the skin.

How likely is methylene chloride to cause cancer?

We do not know if methylene chloride can cause cancer in humans. An increased cancer risk was seen in mice

breathing large amounts of methylene chloride for a long time.

The World Health Organization (WHO) has determined that methylene chloride may cause cancer in humans.

The Department of Health and Human Services (DHHS) has determined that methylene chloride can be reasonably anticipated to be a cancer-causing chemical.

The EPA has determined that methylene chloride is a probable cancer-causing agent in humans.

How can methylene chloride affect children?

It is likely that health effects seen in children exposed to high amounts of methylene chloride will be similar to the effects seen in adults. We do not know if methylene chloride can affect the ability of people to have children or if it causes birth defects. Some birth defects have been seen in animals inhaling very high levels of methylene chloride.

How can families reduce the risk of exposure to methylene chloride?

❏ Families may be exposed to methylene chloride while using products such as paint removers. Such products should always be used in well-ventilated areas and skin contact should be avoided.
❏ Children should not be allowed to remain near indoor paint removal activities.

Is there a medical test to show whether I've been exposed to methylene chloride?

❏ Several tests can measure exposure to methylene chloride. These tests are not routinely available in your doctor's office.
❏ Methylene chloride can be detected in the air you breathe out and in your blood. These tests are only useful for detecting exposures that have occurred within a few days.
❏ It is also possible to measure carboxyhemoglobin (a chemical formed in the blood as methylene chloride breaks down in the body) in the blood or formic acid (a breakdown product of methylene chloride) in the urine. These tests are not specific for methylene chloride.

Has the federal government made recommendations to protect human health?

❏ The EPA requires that releases of methylene chloride of 1,000 pounds or more be reported to the federal government.
❏ The EPA recommends that exposure of children to methylene chloride be limited to less than 10 milligrams per liter of drinking water (10 mg/L) for 1 day or 2 mg/L for 10 days.
❏ The Food and Drug Administration (FDA) has established limits on the amounts of methylene chloride that can remain after processing of spices, hops extract, and decaffeinated coffee.
❏ The Occupational Safety and Health Administration (OSHA) has set limits of 25 parts methylene chloride per million parts of workplace air (25 ppm) for 8-hour shifts and 40-hour work weeks.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological Profile for methylene chloride. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html . ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)

Agency for Toxic Substances and Disease Registry ToxFAQs **September 1996**

This fact sheet answers the most frequently asked health questions (FAQs) about polycyclic aromatic hydrocarbons (PAHs). For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to polycyclic aromatic hydrocarbons usually occurs by breathing air contaminated by wild fires or coal tar, or by eating foods that have been grilled. PAHs have been found in at least 600 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are polycyclic aromatic hydrocarbons?

(Pronounced pŏl′ĭ-sī′klĭk ăr′ə-măt′ĭk hī′drə-kar′bənz)

Polycyclic aromatic hydrocarbons (PAHs) are a group of over 100 different chemicals that are formed during the incomplete burning of coal, oil and gas, garbage, or other organic substances like tobacco or charbroiled meat. PAHs are usually found as a mixture containing two or more of these compounds, such as soot.

Some PAHs are manufactured. These pure PAHs usually exist as colorless, white, or pale yellow-green solids. PAHs are found in coal tar, crude oil, creosote, and roofing tar, but a few are used in medicines or to make dyes, plastics, and pesticides.

What happens to PAHs when they enter the environment?

- PAHs enter the air mostly as releases from volcanoes, forest fires, burning coal, and automobile exhaust.
- PAHs can occur in air attached to dust particles.
- Some PAH particles can readily evaporate into the air from soil or surface waters.
- PAHs can break down by reacting with sunlight and other chemicals in the air, over a period of days to weeks.
- PAHs enter water through discharges from industrial and wastewater treatment plants.
- Most PAHs do not dissolve easily in water. They stick to solid particles and settle to the bottoms of lakes or rivers.
- Microorganisms can break down PAHs in soil or water after a period of weeks to months.
- In soils, PAHs are most likely to stick tightly to particles; certain PAHs move through soil to contaminate underground water.
- PAH contents of plants and animals may be much higher than PAH contents of soil or water in which they live.

How might I be exposed to PAHs?

- Breathing air containing PAHs in the workplace of coking, coal-tar, and asphalt production plants; smokehouses; and municipal trash incineration facilities.
- Breathing air containing PAHs from cigarette smoke, wood smoke, vehicle exhausts, asphalt roads, or agricultural burn smoke.
- Coming in contact with air, water, or soil near hazardous waste sites.
- Eating grilled or charred meats; contaminated cereals, flour, bread, vegetables, fruits, meats; and processed or pickled foods.
- Drinking contaminated water or cow's milk.

- Nursing infants of mothers living near hazardous waste sites may be exposed to PAHs through their mother's milk.

How can PAHs affect my health?

Mice that were fed high levels of one PAH during pregnancy had difficulty reproducing and so did their offspring. These offspring also had higher rates of birth defects and lower body weights. It is not known whether these effects occur in people.

Animal studies have also shown that PAHs can cause harmful effects on the skin, body fluids, and ability to fight disease after both short- and long-term exposure. But these effects have not been seen in people.

How likely are PAHs to cause cancer?

The Department of Health and Human Services (DHHS) has determined that some PAHs may reasonably be expected to be carcinogens.

Some people who have breathed or touched mixtures of PAHs and other chemicals for long periods of time have developed cancer. Some PAHs have caused cancer in laboratory animals when they breathed air containing them (lung cancer), ingested them in food (stomach cancer), or had them applied to their skin (skin cancer).

Is there a medical test to show whether I've been exposed to PAHs?

In the body, PAHs are changed into chemicals that can attach to substances within the body. There are special tests that can detect PAHs attached to these substances in body tissues or blood. However, these tests cannot tell whether any health effects will occur or find out the extent or source of your exposure to the PAHs. The tests aren't usually available in your doctor's office because special equipment is needed to conduct them.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) has set a limit of 0.2 milligrams of PAHs per cubic meter of air (0.2 mg/m^3). The OSHA Permissible Exposure Limit (PEL) for mineral oil mist that contains PAHs is 5 mg/m^3 averaged over an 8-hour exposure period.

The National Institute for Occupational Safety and Health (NIOSH) recommends that the average workplace air levels for coal tar products not exceed 0.1 mg/m^3 for a 10-hour workday, within a 40-hour workweek. There are other limits for workplace exposure for things that contain PAHs, such as coal, coal tar, and mineral oil.

Glossary

Carcinogen: A substance that can cause cancer.

Ingest: Take food or drink into your body.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for polycyclic aromatic hydrocarbons. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

POLYCHLORINATED BIPHENYLS

Division of Toxicology ToxFAQs™ **February 2001**

This fact sheet answers the most frequently asked health questions (FAQs) about polychlorinated biphenyls. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Polychlorinated biphenyls (PCBs) are a mixture of individual chemicals which are no longer produced in the United States, but are still found in the environment. Health effects that have been associated with exposure to PCBs include acne-like skin conditions in adults and neurobehavioral and immunological changes in children. PCBs are known to cause cancer in animals. PCBs have been found in at least 500 of the 1,598 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are polychlorinated biphenyls?

Polychlorinated biphenyls are mixtures of up to 209 individual chlorinated compounds (known as congeners). There are no known natural sources of PCBs. PCBs are either oily liquids or solids that are colorless to light yellow. Some PCBs can exist as a vapor in air. PCBs have no known smell or taste. Many commercial PCB mixtures are known in the U.S. by the trade name Aroclor.

PCBs have been used as coolants and lubricants in transformers, capacitors, and other electrical equipment because they don't burn easily and are good insulators. The manufacture of PCBs was stopped in the U.S. in 1977 because of evidence they build up in the environment and can cause harmful health effects. Products made before 1977 that may contain PCBs include old fluorescent lighting fixtures and electrical devices containing PCB capacitors, and old microscope and hydraulic oils.

What happens to PCBs when they enter the environment?

❑ PCBs entered the air, water, and soil during their manufacture, use, and disposal; from accidental spills and leaks during their transport; and from leaks or fires in products containing PCBs.

❑ PCBs can still be released to the environment from hazardous waste sites; illegal or improper disposal of industrial wastes and consumer products; leaks from old electrical transformers containing PCBs; and burning of some wastes in incinerators.

❑ PCBs do not readily break down in the environment and thus may remain there for very long periods of time. PCBs can travel long distances in the air and be deposited in areas far away from where they were released. In water, a small amount of PCBs may remain dissolved, but most stick to organic particles and bottom sediments. PCBs also bind strongly to soil.

❑ PCBs are taken up by small organisms and fish in water. They are also taken up by other animals that eat these aquatic animals as food. PCBs accumulate in fish and marine mammals, reaching levels that may be many thousands of times higher than in water.

How might I be exposed to PCBs?

❑ Using old fluorescent lighting fixtures and electrical devices and appliances, such as television sets and refrigerators, that were made 30 or more years ago. These items may leak small amounts of PCBs into the air when they get hot during operation, and could be a source of skin exposure.

❑ Eating contaminated food. The main dietary sources of PCBs are fish (especially sportfish caught in contaminated lakes or rivers), meat, and dairy products.

❑ Breathing air near hazardous waste sites and drinking contaminated well water.

❑ In the workplace during repair and maintenance of PCB transformers; accidents, fires or spills involving transformers, fluorescent lights, and other old electrical devices; and disposal of PCB materials.

How can PCBs affect my health?

The most commonly observed health effects in people exposed to large amounts of PCBs are skin conditions such as acne and rashes. Studies in exposed workers have shown changes in blood and urine that may indicate liver damage. PCB exposures in the general population are not likely to result in skin and liver effects. Most of the studies of health effects of PCBs in the general population examined children of mothers who were exposed to PCBs.

Animals that ate food containing large amounts of PCBs for short periods of time had mild liver damage and some died. Animals that ate smaller amounts of PCBs in food over several weeks or months developed various kinds of health effects, including anemia; acne-like skin conditions; and liver, stomach, and thyroid gland injuries. Other effects

of PCBs in animals include changes in the immune system, behavioral alterations, and impaired reproduction. PCBs are not known to cause birth defects.

How likely are PCBs to cause cancer?

Few studies of workers indicate that PCBs were associated with certain kinds of cancer in humans, such as cancer of the liver and biliary tract. Rats that ate food containing high levels of PCBs for two years developed liver cancer. The Department of Health and Human Services (DHHS) has concluded that PCBs may reasonably be anticipated to be carcinogens. The EPA and the International Agency for Research on Cancer (IARC) have determined that PCBs are probably carcinogenic to humans.

How can PCBs affect children?

Women who were exposed to relatively high levels of PCBs in the workplace or ate large amounts of fish contaminated with PCBs had babies that weighed slightly less than babies from women who did not have these exposures. Babies born to women who ate PCB-contaminated fish also showed abnormal responses in tests of infant behavior. Some of these behaviors, such as problems with motor skills and a decrease in short-term memory, lasted for several years. Other studies suggest that the immune system was affected in children born to and nursed by mothers exposed to increased levels of PCBs. There are no reports of structural birth defects caused by exposure to PCBs or of health effects of PCBs in older children. The most likely way infants will be exposed to PCBs is from breast milk. Transplacental transfers of PCBs were also reported In most cases, the benefits of breast-feeding outweigh any risks from exposure to PCBs in mother's milk.

How can families reduce the risk of exposure to PCBs?

❑ You and your children may be exposed to PCBs by eating fish or wildlife caught from contaminated locations. Certain states, Native American tribes, and U.S. territories have issued advisories to warn people about PCB-contaminated fish and fish-eating wildlife. You can reduce your family's exposure to PCBs by obeying these advisories.

❑ Children should be told not play with old appliances, electrical equipment, or transformers, since they may contain PCBs.

❑ Children should be discouraged from playing in the dirt near hazardous waste sites and in areas where there was a transformer fire. Children should also be discouraged from eating dirt and putting dirty hands, toys or other objects in their mouths, and should wash hands frequently.

❑ If you are exposed to PCBs in the workplace it is possible to carry them home on your clothes, body, or tools. If this is the case, you should shower and change clothing before leaving work, and your work clothes should be kept separate from other clothes and laundered separately.

Is there a medical test to show whether I've been exposed to PCBs?

Tests exist to measure levels of PCBs in your blood, body fat, and breast milk, but these are not routinely conducted. Most people normally have low levels of PCBs in their body because nearly everyone has been environmentally exposed to PCBs. The tests can show if your PCB levels are elevated, which would indicate past exposure to above-normal levels of PCBs, but cannot determine when or how long you were exposed or whether you will develop health effects.

Has the federal government made recommendations to protect human health?

The EPA has set a limit of 0.0005 milligrams of PCBs per liter of drinking water (0.0005 mg/L). Discharges, spills or accidental releases of 1 pound or more of PCBs into the environment must be reported to the EPA. The Food and Drug Administration (FDA) requires that infant foods, eggs, milk and other dairy products, fish and shellfish, poultry and red meat contain no more than 0.2-3 parts of PCBs per million parts (0.2-3 ppm) of food. Many states have established fish and wildlife consumption advisories for PCBs.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological profile for polychlorinated biphenyls (PCBs). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html . ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

TRICHLOROETHYLENE

CAS # 79-01-6

Division of Toxicology ToxFAQs™ **July 2003**

This fact sheet answers the most frequently asked health questions (FAQs) about trichloroethylene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Trichloroethylene is a colorless liquid which is used as a solvent for cleaning metal parts. Drinking or breathing high levels of trichloroethylene may cause nervous system effects, liver and lung damage, abnormal heartbeat, coma, and possibly death. Trichloroethylene has been found in at least 852 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is trichloroethylene?

Trichloroethylene (TCE) is a nonflammable, colorless liquid with a somewhat sweet odor and a sweet, burning taste. It is used mainly as a solvent to remove grease from metal parts, but it is also an ingredient in adhesives, paint removers, typewriter correction fluids, and spot removers.

Trichloroethylene is not thought to occur naturally in the environment. However, it has been found in underground water sources and many surface waters as a result of the manufacture, use, and disposal of the chemical.

What happens to trichloroethylene when it enters the environment?

- Trichloroethylene dissolves a little in water, but it can remain in ground water for a long time.
- Trichloroethylene quickly evaporates from surface water, so it is commonly found as a vapor in the air.
- Trichloroethylene evaporates less easily from the soil than from surface water. It may stick to particles and remain for a long time.
- Trichloroethylene may stick to particles in water, which will cause it to eventually settle to the bottom sediment.
- Trichloroethylene does not build up significantly in plants and animals.

How might I be exposed to trichloroethylene?

- Breathing air in and around the home which has been contaminated with trichloroethylene vapors from shower water or household products such as spot removers and typewriter correction fluid.
- Drinking, swimming, or showering in water that has been contaminated with trichloroethylene.
- Contact with soil contaminated with trichloroethylene, such as near a hazardous waste site.
- Contact with the skin or breathing contaminated air while manufacturing trichloroethylene or using it at work to wash paint or grease from skin or equipment.

How can trichloroethylene affect my health?

Breathing small amounts may cause headaches, lung irritation, dizziness, poor coordination, and difficulty concentrating.

Breathing large amounts of trichloroethylene may cause impaired heart function, unconsciousness, and death. Breathing it for long periods may cause nerve, kidney, and liver damage.

ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html

Drinking large amounts of trichloroethylene may cause nausea, liver damage, unconsciousness, impaired heart function, or death.

Drinking small amounts of trichloroethylene for long periods may cause liver and kidney damage, impaired immune system function, and impaired fetal development in pregnant women, although the extent of some of these effects is not yet clear.

Skin contact with trichloroethylene for short periods may cause skin rashes.

How likely is trichloroethylene to cause cancer?

Some studies with mice and rats have suggested that high levels of trichloroethylene may cause liver, kidney, or lung cancer. Some studies of people exposed over long periods to high levels of trichloroethylene in drinking water or in workplace air have found evidence of increased cancer. Although, there are some concerns about the studies of people who were exposed to trichloroethylene, some of the effects found in people were similar to effects in animals.

In its 9th Report on Carcinogens, the National Toxicology Program (NTP) determined that trichloroethylene is "reasonably anticipated to be a human carcinogen." The International Agency for Research on Cancer (IARC) has determined that trichloroethylene is "probably carcinogenic to humans."

Is there a medical test to show whether I've been exposed to trichloroethylene?

If you have recently been exposed to trichloroethylene, it can be detected in your breath, blood, or urine. The breath test, if it is performed soon after exposure, can tell if you have been exposed to even a small amount of trichloroethylene.

Exposure to larger amounts is assessed by blood and urine tests, which can detect trichloroethylene and many of its breakdown products for up to a week after exposure. However, exposure to other similar chemicals can produce the same breakdown products, so their detection is not absolute proof of exposure to trichloroethylene. This test isn't available at most doctors' offices, but can be done at special laboratories that have the right equipment.

Has the federal government made recommendations to protect human health?

The EPA has set a maximum contaminant level for trichloroethylene in drinking water at 0.005 milligrams per liter (0.005 mg/L) or 5 parts of TCE per billion parts water.

The EPA has also developed regulations for the handling and disposal of trichloroethylene.

The Occupational Safety and Health Administration (OSHA) has set an exposure limit of 100 parts of trichloroethylene per million parts of air (100 ppm) for an 8-hour workday, 40-hour workweek.

Glossary

Carcinogenicity: The ability of a substance to cause cancer.
CAS: Chemical Abstracts Service.
Evaporate: To change into a vapor or gas.
Milligram (mg): One thousandth of a gram.
Nonflammable: Will not burn.
ppm: Parts per million.
Sediment: Mud and debris that have settled to the bottom of a body of water.
Solvent: A chemical that dissolves other substances.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Trichloroethylene (update) produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html . ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

TETRACHLOROETHYLENE
CAS # 127-18-4

This fact sheet answers the most frequently asked health questions (FAQs) about tetrachloroethylene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Tetrachloroethylene is a manufactured chemical used for dry cleaning and metal degreasing. Exposure to very high concentrations of tetrachloroethylene can cause dizziness, headaches, sleepiness, confusion, nausea, difficulty in speaking and walking, unconsciousness, and death. Tetrachloroethylene has been found in at least 771 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is tetrachloroethylene?

(Pronounced tĕt′rə-klôr′ ō-ĕth′ə-lēn′)

Tetrachloroethylene is a manufactured chemical that is widely used for dry cleaning of fabrics and for metal-degreasing. It is also used to make other chemicals and is used in some consumer products.

Other names for tetrachloroethylene include perchloroethylene, PCE, and tetrachloroethene. It is a nonflammable liquid at room temperature. It evaporates easily into the air and has a sharp, sweet odor. Most people can smell tetrachloroethylene when it is present in the air at a level of 1 part tetrachloroethylene per million parts of air (1 ppm) or more, although some can smell it at even lower levels.

What happens to tetrachloroethylene when it enters the environment?

- Much of the tetrachloroethylene that gets into water or soil evaporates into the air.
- Microorganisms can break down some of the tetrachloroethylene in soil or underground water.
- In the air, it is broken down by sunlight into other chemicals or brought back to the soil and water by rain.
- It does not appear to collect in fish or other animals that live in water.

How might I be exposed to tetrachloroethylene?

- When you bring clothes from the dry cleaners, they will release small amounts of tetrachloroethylene into the air.
- When you drink water containing tetrachloroethylene, you are exposed to it.

How can tetrachloroethylene affect my health?

High concentrations of tetrachloroethylene (particularly in closed, poorly ventilated areas) can cause dizziness, headache, sleepiness, confusion, nausea, difficulty in speaking and walking, unconsciousness, and death.

Irritation may result from repeated or extended skin contact with it. These symptoms occur almost entirely in work (or hobby) environments when people have been accidentally exposed to high concentrations or have intentionally used tetrachloroethylene to get a "high."

In industry, most workers are exposed to levels lower than those causing obvious nervous system effects. The health effects of breathing in air or drinking water with low levels of tetrachloroethylene are not known.

Results from some studies suggest that women who work in dry cleaning industries where exposures to tetrachloroethyl-

ene can be quite high may have more menstrual problems and spontaneous abortions than women who are not exposed. However, it is not known if tetrachloroethylene was responsible for these problems because other possible causes were not considered.

Results of animal studies, conducted with amounts much higher than those that most people are exposed to, show that tetrachloroethylene can cause liver and kidney damage. Exposure to very high levels of tetrachloroethylene can be toxic to the unborn pups of pregnant rats and mice. Changes in behavior were observed in the offspring of rats that breathed high levels of the chemical while they were pregnant.

How likely is tetrachloroethylene to cause cancer?

The Department of Health and Human Services (DHHS) has determined that tetrachloroethylene may reasonably be anticipated to be a carcinogen. Tetrachloroethylene has been shown to cause liver tumors in mice and kidney tumors in male rats.

Is there a medical test to show whether I've been exposed to tetrachloroethylene?

One way of testing for tetrachloroethylene exposure is to measure the amount of the chemical in the breath, much the same way breath-alcohol measurements are used to determine the amount of alcohol in the blood.

Because it is stored in the body's fat and slowly released into the bloodstream, tetrachloroethylene can be detected in the breath for weeks following a heavy exposure.

Tetrachloroethylene and trichloroacetic acid (TCA), a breakdown product of tetrachloroethylene, can be detected in the blood. These tests are relatively simple to perform. These tests aren't available at most doctors' offices, but can be performed at special laboratories that have the right equipment.

Because exposure to other chemicals can produce the same breakdown products in the urine and blood, the tests for breakdown products cannot determine if you have been exposed to tetrachloroethylene or the other chemicals.

Has the federal government made recommendations to protect human health?

The EPA maximum contaminant level for the amount of tetrachloroethylene that can be in drinking water is 0.005 milligrams tetrachloroethylene per liter of water (0.005 mg/L).

The Occupational Safety and Health Administration (OSHA) has set a limit of 100 ppm for an 8-hour workday over a 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) recommends that tetrachloroethylene be handled as a potential carcinogen and recommends that levels in workplace air should be as low as possible.

Glossary

Carcinogen: A substance with the ability to cause cancer.

CAS: Chemical Abstracts Service.

Milligram (mg): One thousandth of a gram.

Nonflammable: Will not burn.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Tetrachloroethylene (update) produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone:1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

TOLUENE
CAS # 108-88-3

Division of Toxicology ToxFAQs™ **February 2001**

This fact sheet answers the most frequently asked health questions (FAQs) about toluene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to toluene occurs from breathing contaminated workplace air, in automobile exhaust, some consumer products paints, paint thinners, fingernail polish, lacquers, and adhesives. Toluene affects the nervous system. Toluene has been found at 959 of the 1,591 National Priority List sites identified by the Environmental Protection Agency

What is toluene?

Toluene is a clear, colorless liquid with a distinctive smell. Toluene occurs naturally in crude oil and in the tolu tree. It is also produced in the process of making gasoline and other fuels from crude oil and making coke from coal.

Toluene is used in making paints, paint thinners, fingernail polish, lacquers, adhesives, and rubber and in some printing and leather tanning processes.

What happens to toluene when it enters the environment?

❑ Toluene enters the environment when you use materials that contain it. It can also enter surface water and groundwater from spills of solvents and petrolieum products as well as from leasking underground storage tanks at gasoline stations and other facilities.

❑ When toluene-containing products are placed in landfills or waste disposal sites, the toluene can enter the soil or water near the waste site.

❑ Toluene does not usually stay in the environment long.

❑ Toluene does not concentrate or buildup to high levels in animals.

How might I be exposed to toluene?

❑ Breathing contaminated workplace air or automobile exhaust.

❑ Working with gasoline, kerosene, heating oil, paints, and lacquers.

❑ Drinking contaminated well-water.

❑ Living near uncontrolled hazardous waste sites containing toluene products.

How can toluene affect my health?

Toluene may affect the nervous system. Low to moderate levles can cause tiredness, confusion, weakness, drunken-type actions, memory loss, nausea, loss of appetite, and

hearing and color vision loss. These symptoms usually disappear when exposure is stopped.

Inhaling High levels of toluene in a short time can make you feel light-headed, dizzy, or sleepy. It can also cause unconsciousness, and even death.

High levels of toluene may affect your kidneys.

How likely is toluene to cause cancer?

Studies in humans and animals generally indicate that toluene does not cause cancer.

The EPA has determined that the carcinogenicity of toluene can not be classified.

How can toluene affect children?

It is likely that health effects seen in children exposed to toluene will be similar to the effects seen in adults. Some studies in animals suggest that babies may be more sensitive than adults.

Breathing very high levels of toluene during pregnancy can result in children with birth defects and retard mental abilities, and growth. We do not know if toluene harms the unborn child if the mother is exposed to low levels of toluene during pregnancy.

How can families reduce the risk of exposure to toluene?

❑ Use toluene-containing products in well-ventilated areas.

❑ When not in use, toluene-containing products should be tightly covered to prevent evaporation into the air.

Is there a medical test to show whether I've been exposed to toluene?

There are tests to measure the level of toluene or its breakdown products in exhaled air, urine, and blood. To determine if you have been exposed to toluene, your urine or blood must be checked within 12 hours of exposure. Several other chemicals are also changed into the same breakdown products as toluene, so some of these tests are not specific for toluene.

Has the federal government made recommendations to protect human health?

EPA has set a limit of 1 milligram per liter of drinking water (1 mg/L).

Discharges, releases, or spills of more than 1,000 pounds of toluene must be reported to the National Response Center.

The Occupational Safety and Health Administration has set a limit of 200 parts toluene per million of workplace air (200 ppm).

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological Profile for Toluene. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html . ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

XYLENE
CAS # 1330-20-7

This fact sheet answers the most frequently asked health questions (FAQs) about xylene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to xylene occurs in the workplace and when you use paint, gasoline, paint thinners and other products that contain it. People who breathe high levels may have dizziness, confusion, and a change in their sense of balance. This substance has been found in at least 658 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is xylene?

(Pronounced zī′lēn)

Xylene is a colorless, sweet-smelling liquid that catches on fire easily. It occurs naturally in petroleum and coal tar and is formed during forest fires. You can smell xylene in air at 0.08–3.7 parts of xylene per million parts of air (ppm) and begin to taste it in water at 0.53–1.8 ppm.

Chemical industries produce xylene from petroleum. It's one of the top 30 chemicals produced in the United States in terms of volume.

Xylene is used as a solvent and in the printing, rubber, and leather industries. It is also used as a cleaning agent, a thinner for paint, and in paints and varnishes. It is found in small amounts in airplane fuel and gasoline.

What happens to xylene when it enters the environment?

- Xylene has been found in waste sites and landfills when discarded as used solvent, or in varnish, paint, or paint thinners.
- It evaporates quickly from the soil and surface water into the air.
- In the air, it is broken down by sunlight into other less harmful chemicals.
- It is broken down by microorganisms in soil and water.
- Only a small amount of it builds up in fish, shellfish, plants, and animals living in xylene-contaminated water.

How might I be exposed to xylene?

- Breathing xylene in workplace air or in automobile exhaust.
- Breathing contaminated air.
- Touching gasoline, paint, paint removers, varnish, shellac, and rust preventatives that contain it.
- Breathing cigarette smoke that has small amounts of xylene in it.
- Drinking contaminated water or breathing air near waste sites and landfills that contain xylene.
- The amount of xylene in food is likely to be low.

How can xylene affect my health?

Xylene affects the brain. High levels from exposure for short periods (14 days or less) or long periods (more than 1 year) can cause headaches, lack of muscle coordination, dizziness, confusion, and changes in one's sense of balance. Exposure of

people to high levels of xylene for short periods can also cause irritation of the skin, eyes, nose, and throat; difficulty in breathing; problems with the lungs; delayed reaction time; memory difficulties; stomach discomfort; and possibly changes in the liver and kidneys. It can cause unconsciousness and even death at very high levels.

Studies of unborn animals indicate that high concentrations of xylene may cause increased numbers of deaths, and delayed growth and development. In many instances, these same concentrations also cause damage to the mothers. We do not know if xylene harms the unborn child if the mother is exposed to low levels of xylene during pregnancy.

How likely is xylene to cause cancer?

The International Agency for Research on Cancer (IARC) has determined that xylene is not classifiable as to its carcinogenicity in humans.

Human and animal studies have not shown xylene to be carcinogenic, but these studies are not conclusive and do not provide enough information to conclude that xylene does not cause cancer.

Is there a medical test to show whether I've been exposed to xylene?

Laboratory tests can detect xylene or its breakdown products in exhaled air, blood, or urine. There is a high degree of agreement between the levels of exposure to xylene and the levels of xylene breakdown products in the urine. However, a urine sample must be provided very soon after exposure ends because xylene quickly leaves the body. These tests are not routinely available at your doctor's office.

Has the federal government made recommendations to protect human health?

The EPA has set a limit of 10 ppm of xylene in drinking water.

The EPA requires that spills or accidental releases of xylenes into the environment of 1,000 pounds or more must be reported.

The Occupational Safety and Health Administration (OSHA) has set a maximum level of 100 ppm xylene in workplace air for an 8-hour workday, 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) and the American Conference of Governmental Industrial Hygienists (ACGIH) also recommend exposure limits of 100 ppm in workplace air.

NIOSH has recommended that 900 ppm of xylene be considered immediately dangerous to life or health. This is the exposure level of a chemical that is likely to cause permanent health problems or death.

Glossary

Evaporate: To change from a liquid into a vapor or a gas.

Carcinogenic: Having the ability to cause cancer.

CAS: Chemical Abstracts Service.

ppm: Parts per million.

Solvent: A liquid that can dissolve other substances.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for xylenes (update). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone:1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

ZINC
CAS # 7440-66-6

Division of Toxicology ToxFAQs™ **August 2005**

This fact sheet answers the most frequently asked health questions (FAQs) about zinc. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Zinc is a naturally occurring element. Exposure to high levels of zinc occurs mostly from eating food, drinking water, or breathing workplace air that is contaminated. Low levels of zinc are essential for maintaining good health. Exposure to large amounts of zinc can be harmful. It can cause stomach cramps, anemia, and changes in cholesterol levels. Zinc has been found in at least 985 of the 1,662 National Priority List sites identified by the Environmental Protection Agency (EPA).

What is zinc?

Zinc is one of the most common elements in the earth's crust. It is found in air, soil, and water, and is present in all foods. Pure zinc is a bluish-white shiny metal.

Zinc has many commercial uses as coatings to prevent rust, in dry cell batteries, and mixed with other metals to make alloys like brass, and bronze. A zinc and copper alloy is used to make pennies in the United States.

Zinc combines with other elements to form zinc compounds. Common zinc compounds found at hazardous waste sites include zinc chloride, zinc oxide, zinc sulfate, and zinc sulfide. Zinc compounds are widely used in industry to make paint, rubber, dyes, wood preservatives, and ointments.

What happens to zinc when it enters the environment?

❏ Some is released into the environment by natural processes, but most comes from human activities like mining, steel production, coal burning, and burning of waste.
❏ It attaches to soil, sediments, and dust particles in the air.
❏ Rain and snow remove zinc dust particles from the air.
❏ Depending on the type of soil, some zinc compounds can move into the groundwater and into lakes, streams, and rivers.
❏ Most of the zinc in soil stays bound to soil particles and does not dissolve in water.
❏ It builds up in fish and other organisms, but it does not build up in plants.

How might I be exposed to zinc?

❏ Ingesting small amounts present in your food and water.
❏ Drinking contaminated water or a beverage that has been stored in metal containers or flows through pipes that have been coated with zinc to resist rust.
❏ Eating too many dietary supplements that contain zinc.
❏ Working on any of the following jobs: construction, painting, automobile mechanics, mining, smelting, and welding; manufacture of brass, bronze, or other zinc-containing alloys; manufacture of galvanized metals; and manufacture of machine parts, rubber, paint, linoleum, oilcloths, batteries, some kind of glass, ceramics, and dyes.

How can zinc affect my health?

Zinc is an essential element in our diet. Too little zinc can cause problems, but too much zinc is also harmful.

Harmful effects generally begin at levels 10-15 times higher than the amount needed for good health. Large doses taken by mouth even for a short time can cause stomach cramps, nausea, and vomiting. Taken longer, it can cause anemia and decrease the levels of your good cholesterol. We do not know if high levels of zinc affect reproduction in humans. Rats that were fed large amounts of zinc became infertile.

Inhaling large amounts of zinc (as dusts or fumes) can cause a specific short-term disease called metal fume fever. We do not know the long-term effects of breathing high levels of zinc.

Putting low levels of zinc acetate and zinc chloride on the skin of rabbits, guinea pigs, and mice caused skin irritation. Skin irritation will probably occur in people.

How likely is zinc to cause cancer?

The Department of Health and Human Services (DHHS) and the International Agency for Research on Cancer (IARC) have not classified zinc for carcinogenicity. Based on incomplete information from human and animal studies, the EPA has determined that zinc is not classifiable as to its human carcinogenicity.

How can zinc affect children?

Zinc is essential for proper growth and development of young children. It is likely that children exposed to very high levels of zinc will have similar effects as adults. We do not know whether children are more susceptible to the effects of excessive intake of zinc than the adults.

We do not know if excess zinc can cause developmental effects in humans. Animal studies have found decreased weight in the offspring of animals that ingested very high amounts of zinc.

How can families reduce the risks of exposure to zinc?

❑ Children living near waste sites that contain zinc may be exposed to higher levels of zinc through breathing contaminated air, drinking contaminated drinking water, touching or eating contaminated soil.

❑ Discourage your children from eating soil or putting their hands in their mouths and teach them to wash their hands frequently and before eating.

❑ If you use medicines or vitamin supplements containing zinc, make sure you use them appropriately and keep them out of the reach of children.

Is there a medical test to determine whether I've been exposed to zinc?

There are tests available to measure zinc in your blood, urine, hair, saliva, and feces. These tests are not usually done in the doctor's office because they require special equipment. High levels of zinc in the feces can mean high recent zinc exposure. High levels of zinc in the blood can mean high zinc consumption and/or high exposure. Tests to measure zinc in hair may provide information on long-term zinc exposure; however, the relationship between levels in your hair and the amount of zinc you were exposed to is not clear.

Has the federal government made recommendations to protect human health?

The EPA recommends that drinking water should contain no more than 5 milligrams per liter of water (5 mg/L) because of taste. The EPA requires that any release of 1,000 pounds (or in some cases 5,000 pounds) into the environment be reported to the agency.

To protect workers, the Occupational Safety and Health Administration (OSHA) has set an average limit of 1 mg/m^3 for zinc chloride fumes and 5 mg/m^3 for zinc oxide (dusts and fumes) in workplace air during an 8-hour workday, 40-hour workweek.

Similarly, the National Institute for Occupational Safety and Health (NIOSH) has set the same standards for up to a 10-hour workday over a 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2005. Toxicological Profile for Zinc (Update). Atlanta, GA: U.S. Department of Public Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

APPENDIX B
REPORT FORMS

WEEKLY SAFETY REPORT FORM

Week Ending: _____ Project Name/Number: _____

Report Date: _____ Project Manager Name: _____

Summary of any violations of procedures occurring that week:

_____

_____

_____

Summary of any job related injuries, illnesses, or near misses that week:

_____

_____

_____

_____

Summary of air monitoring data that week (include and sample analyses, action levels exceeded, and actions taken):

_____

_____

_____

Comments:

_____

_____

_____

Name: _____ Company: _____

Signature: _____ Title: _____

INCIDENT REPORT FORM

Date of Report: _____

Injured: _____

Employer: _____

Site: _____ Site Location: _____

Report Prepared By: _____ _____
Signature Title

ACCIDENT/INCIDENT CATEGORY (check all that applies)

___Injury	___ Illness	___ Near Miss
__ Property Damage	___ Fire	___ Chemical Exposure
__ On-site Equipment	___ Motor Vehicle	___ Electrical
__ Mechanical	___ Spill	___ Other

DATE AND TIME OF ACCIDENT/INCIDENT: Narrative report of Accident/Incident: Identify: 1) actions leading to or contributing to the accident/incident; 2) the accident/incident occurrence; and 3) actions following the accident/incident.

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

WITNESS TO ACCIDENT/INCIDENT:

Name:	_____	Company:	_____
Address:	_____	Address:	_____
Phone No.:	_____	Phone No.:	_____
Name:	_____	Company:	_____
Address:	_____	Address:	_____
Phone No.:	_____	Phone No.:	_____

INJURED - ILL:

Name: _____ SSN: _____

Address: _____ Age: _____

Length of Service: _____ Time on Present Job: _____

Time/Classification: _____

SEVERITY OF INJURY OR ILLNESS:

____ Disabling ___ Non-disabling ___ Fatality

____ Medical Treatment ___ First Aid Only

ESTIMATED NUMBER OF DAYS AWAY FROM JOB: _____

NATURE OF INJURY OR ILLNESS: _____

_____

_____

_____

CLASSIFICATION OF INJURY:

__ Abrasions _____ Dislocations ____ Punctures

__ Bites _____ Faint/Dizziness ____ Radiation Burns

__ Blisters _____ Fractures ____ Respiratory Allergy

__ Bruises _____ Frostbite ____ Sprains

__ Chemical Burns _____ Heat Burns ____ Toxic Resp. Exposure

__ Cold Exposure _____ Heat Exhaustion ____ Toxic Ingestion

__ Concussion _____ Heat Stroke ____ Dermal Allergy

__ Lacerations

Part of Body Affected: _____

Degree of Disability: _____

Date Medical Care was Received: _____

Where Medical Care was Received: _____

Address (if off-site): _____

(If two or more injuries, record on separate sheets)

PROPERTY DAMAGE:

Description of Damage: _____

_____

Cost of Damage: $ _____

ACCIDENT/INCIDENT LOCATION: _____

ACCIDENT/INCIDENT ANALYSIS: Causative agent most directly related to accident/incident (Object, substance, material, machinery, equipment, conditions)

_____

_____

_____

_____

Was weather a factor?:_____

_____

Unsafe mechanical/physical/environmental condition at time of accident/incident (Be specific):

_____

_____

_____

Personal factors (Attitude, knowledge or skill, reaction time, fatigue):

_____

_____

ON-SITE ACCIDENTS/INCIDENTS:

Level of personal protection equipment required in Site Safety Plan:

_____

_____

Modifications:

_____

Was injured using required equipment?:

_____

_____

If not, how did actual equipment use differ from plan?:

_____

_____

ACTION TAKEN TO PREVENT RECURRENCE: (Be specific. What has or will be done? When will it be done? Who is the responsible party to insure that the correction is made?

_____

_____

_____

_____

_____

ACCIDENT/INCIDENT REPORT REVIEWED BY:

_____ _____

SSO Name Printed SSO Signature

OTHERS PARTICIPATING IN INVESTIGATION:

_____ _____

Signature Title

_____ _____

Signature Title

_____ _____

Signature Title

ACCIDENT/INCIDENT FOLLOW-UP: Date: _____

Outcome of accident/incident: _____

_____

_____

_____

Physician's recommendations: _____

_____

_____

_____

Date injured returned to work: _____

Follow-up performed by:

_____ _____

Signature Title

ATTACH ANY ADDITIONAL INFORMATION TO THIS FORM

APPENDIX C
EMERGENCY HAND SIGNALS

EMERGENCY SIGNALS

In most cases, field personnel will carry portable radios for communication. If this is the case, a transmission that indicates an emergency will take priority over all other transmissions. All other site radios will yield the frequency to the emergency transmissions.

Where radio communications is not available, the following air-horn and/or hand signals will be used:

EMERGENCY HAND SIGNALS

OUT OF AIR, CAN'T BREATHE!

Hand gripping throat

LEAVE AREA IMMEDIATELY, NO DEBATE!

(No Picture) Grip partner's wrist or place both hands around waist

NEED ASSISTANCE!

Hands on top of head

OKAY! – I'M ALL RIGHT!

- I UNDERSTAND!

Thumbs up

NO! - NEGATIVE!

Thumbs down

APPENDIX C
COMMUNITY AIR MONITORING PLAN

STEVENSONS COMMONS B3

1850 LAFAYETTE AVENUE
BRONX, NEW YORK

Community Air Monitoring Plan

BCP Site No.: C203189
AKRF Project Number: 240663

Prepared for:

Stevenson B3 LLC
116 East 27th Street, 11th Floor
New York, NY 10016

Prepared by:

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, New York 10016
212-696-0670

JULY 2025

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Table 1 – Action Levels and Required Response Actions

1.0 INTRODUCTION

This Community Air Monitoring Plan (CAMP) has been developed for implementation of the Remedial Investigation (RI) activities conducted by all personnel on-site, both AKRF employees and others, at the Stevensons Commons B3 site located at 1850 Lafayette Avenue in the Clason Point neighborhood of the Bronx, New York (the Site). The Site—which is also defined as Bronx Borough Tax Block 3600, portions of Lots 4 and 15—currently consists of a vacant field with overgrown vegetation enclosed by fencing. A Site Location map is provided as Figure 1.

A Phase I Environmental Site Assessment (ESA) was conducted at the Site by Impact Environmental Closures, Inc. (IEC) in November 2020. The Phase I ESA indicated that the Site has remained undeveloped with no permanent structures since 1898. The Phase I ESA did not identify any Recognized Environmental Conditions (RECs); however, it did document evidence of filling of a historical tidal creek with material of unknown origin. The historical creek was shown on a 1924 aerial photograph but was filled in by 1951.

IEC conducted a Subsurface (Phase II) Investigation at the Site in April 2021, which is summarized in a Subsurface (Phase II) Investigation report dated May 2021April 2019. The scope of the investigation was based on IEC's Phase I ESA and included advancement of four soil borings with collection and analysis of eight soil samples, installation of one temporary groundwater monitoring well with collection and analysis of one groundwater sample, and installation of two temporary soil vapor points with collection and analysis of two soil vapor samples. In December 2024, AKRF performed a subsurface investigation to obtain additional soil, groundwater, and soil vapor data at the Site to support the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) application. Laboratory results from the Phase II investigations identified elevated polycyclic aromatic hydrocarbons (PAHs) and metals (i.e., lead, arsenic, barium, and mercury) in soil, which appear to be associated with historical filling of the tidal creek previously located on the Site.

2.0 COMMUNITY AIR MONITORING PROGRAM

The purpose of the Community Air Monitoring Plan (CAMP) is to outline appropriate monitoring, mitigation measures, and reporting requirements to ensure that the surrounding community is not affected during implementation of the Remedial Investigation field activities. Community air monitoring will be conducted during all intrusive Site activities in compliance with the New York State Department of Health (NYSDOH) Generic CAMP. Results of the air monitoring will be used to determine the appropriate response action, if needed. Field personnel will be trained in the proper operation of all field instruments at the start of the program. The equipment will be calibrated according to manufacturer specifications at the start of each day of fieldwork. If an instrument fails calibration, the project manager will be contacted immediately to obtain a replacement instrument and arrange for repairs. Real-time air monitoring for volatile organic compounds (VOCs) and particulates at the perimeter of the exclusion zone will be performed as described below.

2.1 Volatile Organic Compounds and Particulates

Continuous monitoring for VOCs will be conducted during all ground intrusive activities, including soil boring advancement, groundwater monitoring well installation, and excavation. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background concentrations. VOCs will be monitored continuously at the downwind perimeter of the exclusion zone. Monitoring will be conducted with a photoionization detector (PID) equipped with a 10.6 electron volt (eV) lamp capable of calculating 15-minute running average concentrations and equipped with an audible alarm to indicate exceedances of action levels. An inspection of the monitoring stations will be conducted on at least an hourly basis. All 15-minute

average PID readings will be recorded and available for NYSDEC and NYSDOH personnel to review. The action levels and their respective required responses are summarized in Table 1, below.

Continuous monitoring for particulates will be conducted during all ground intrusive activities, which will involve the measurement of respirable dust. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background concentrations. Particulates will be monitored continuously at the downwind perimeter of the exclusion zone. Community air monitoring for dust particulates will be conducted using a DustTrak® or equivalent to measure the concentration of airborne respirable particulates less than 10 micrometers in size (PM_{10}). The dust monitor will be capable of calculating 15-minute running average concentrations and equipped with an audible alarm to indicate the exceedance of action levels. An inspection of the monitoring stations will be conducted on at least an hourly basis. All 15-minute average readings will be recorded and available for NYSDEC and NYSDOH personnel to review.

The action levels and their respective required responses are summarized in Table 1, below.

2.2 Action Levels and Required Actions

The action levels and required responses are listed in Table 1:

Table 1
Action Levels and Required Response Actions

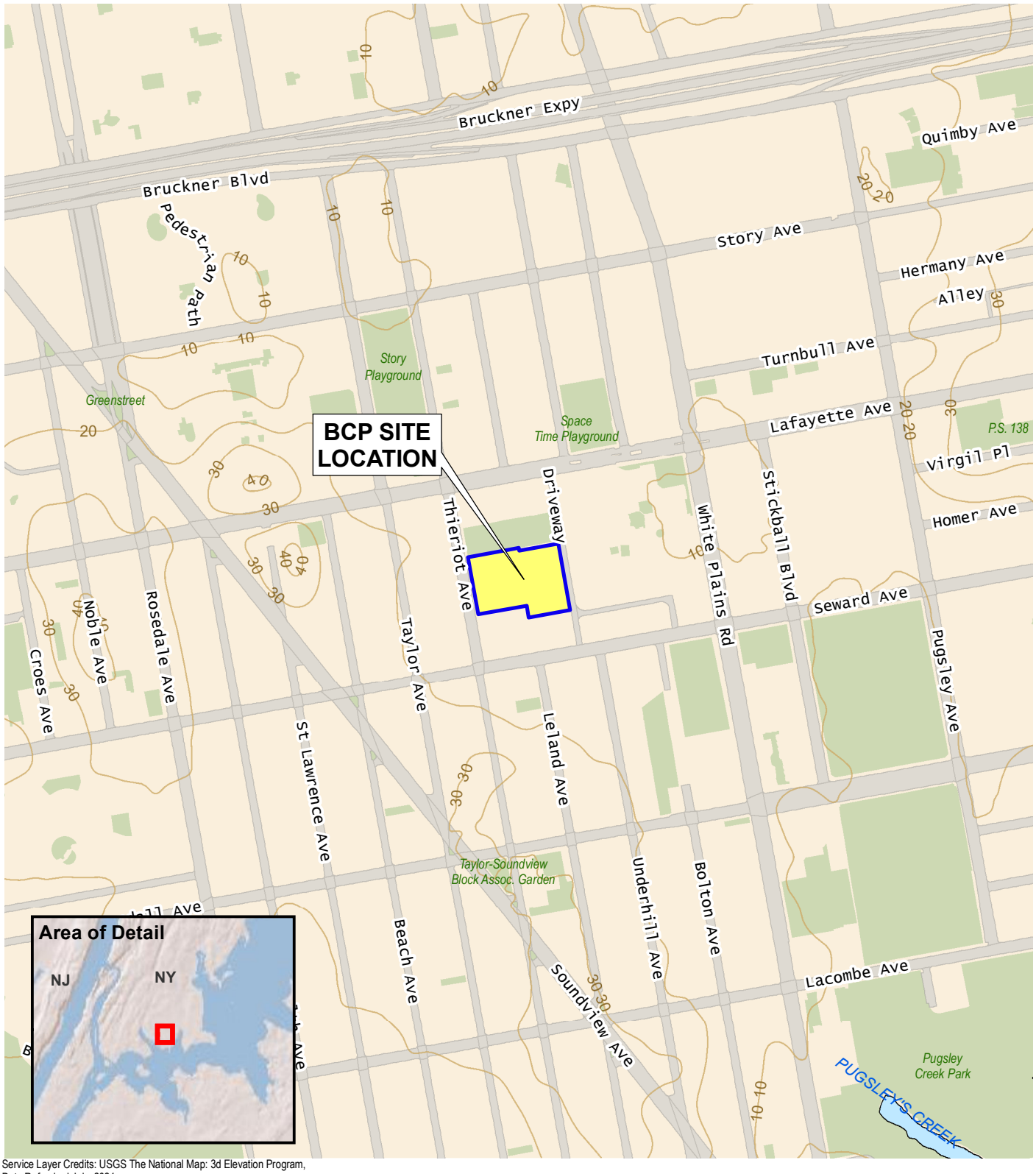
Monitoring	Action Level[1]	Response Action
Particulates	15-minute average between 0.100 mg/m^3 and 0.150 mg/m^3 above background	Implement dust suppression measures and continue monitoring. Work may continue if levels remain below 0.150 mg/m^3 and no visible dust is migrating from the work area.
	15-minute average greater than 0.150 mg/m^3 above background	Stop work until dust suppression measures mitigate levels to below 0.150 mg/m^3.
VOCs	15-minute average between 5 and 25 ppm	Stop work, identify source of vapors and mitigate. Work may continue if instantons readings rapidly decrease below 5 ppm above background.
	15-minute average more than 25 ppm	Shutdown of work. Mitigate levels to below 5 ppm.

Notes:
[1] 15-minute time-weighted average
ppm = parts per million
mg/m^3 = milligrams per cubic meter

2.3 Reporting

CAMP summary reports will be prepared and submitted to NYSDEC and NYSDOH for review as part of the daily and monthly reports. In the event that there is an action level exceedance or complaint, NYSDEC and NYSDOH will be notified within 24 hours (same day to the extent possible). The notification will include a description of the exceedance or complaint, the cause of the exceedance or complaint, and any corrective actions taken. All recorded CAMP data will be included in the Remedial Investigation Report (RIR).

FIGURE



Service Layer Credits: USGS The National Map: 3d Elevation Program, Data Refreshed July, 2021

0 600 1,200

SCALE IN FEET

N

©2025 AKRF Q:\Projects\240663 - STEVENSON COMMONS B3\Technical\GIS and Graphics\SAR\RIWP\240663 Fig 1 Site Location.mxd 3/6/2025 11:43:44 AM mvelleux

akrf
440 Park Avenue South, New York, NY 10016

Stevenson Commons B3
Bronx, New York

BCP SITE LOCATION

DATE
7/22/2025

PROJECT NO.
240663

FIGURE
1

APPENDIX D
PREVIOUS REPORTS

Phase I Environmental Site Assessment

November 3, 2020

conducted at:

1850 Lafayette Avenue
Bronx, New York
New York City Tax Map Designation: *Block 3600, Lot 4*

prepared for:

Camber Property Group LLC
32 East 31st Street, 9th Floor
New York, NY, 10016

report user:

Camber Property Group LLC
32 East 31st Street, 9th Floor
New York, NY, 10016

IEC Project # 13453-01

IMPACT ENVIRONMENTAL |170 Keyland Court | Bohemia | New York | 11716 | 631.269.8800

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Plate 1: Site Location Map
Plate 2: Tentative Tax Lot Sketch
Plate 3: Site Topographic Map

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Appendix B: Site Photographs
Appendix C: User Questionnaire
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Appendix E: Freedom of Information Requests / Public Agency Files
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Document Distribution

Camber Property Group LLC	User	Electronic PDF
Impact Environmental Corporate Records	Preparer	Electronic PDF

1 EXECUTIVE SUMMARY

Impact Environmental Closures, Inc. ("IEC") has performed a Phase I Environmental Site Assessment ("Assessment") in conformance with the scope and limitations of American Society for Testing and Materials (ASTM) Practice E 1527-13 *Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process* of the property located at 1850 Lafayette Avenue, Bronx, New York under contract with Camber Property Group, LLC. (the "Client" or "User"). Exceptions to, or omissions from, this Standard practice are described in Section 2.0 of this Report.

The Site is in a built-up, predominantly residential and light commercial area in the Clason Point neighborhood of the Bronx, New York. The Site is situated on the south side of Lafayette Avenue between Thieriot Avenue and White Plains Road Ave. According to the Property Detail Report provided by CoreLogic RealQuest for New York City, the combined size of the overall property is approximately 15.59 acres in size and located within the R6 zoning district. The current New York City (NYC) Tax Map Designation is Block 3600 and Lot 4. Although the Site currently exists as part of Tax Block 3600 Lot 4, the Site is undergoing a proposed subdivision and will be apportioned into eight (8) new tax lots for future residential development identified as Lot 4, 10, 15, 20, 25, 30, 40 and 50.

At the Client's request, this Phase I ESA was limited to the west and southwest segment of the overall property where proposed Building 1 through Building 6 are planned on the new tax lots 4, 10, 15, 20, 30, 40 and 50, herein the "Site," in anticipation of a planned apportionment of Lot 4**.** As such, the northern and eastern portion of the overall property (future tax lot 25) including addresses 731, 741, 745, 751, 755, 761 White Plains, 1870, 1880, 1890 and 1898 Lafayette Avenue was intentionally excluded, and therefore not subject to this Assessment.

The Site is comprised of a paved parking lot, landscaped grass areas, and tennis courts. The Site is utilized as a parking area and recreational space associated with Stevenson Commons Housing Community. Temporary office trailers and storage containers are located at the Site. Historical Sanborn Maps indicate that the extent of the Site was undeveloped from 1898 until 1998 when the existing paved parking area, tennis courts and recreational space associated with Stevenson Commons Housing Community were established.

Based on IEC's site inspection and review of regulatory database records, this Assessment did not identify any Recognized Environmental Conditions (RECs), Controlled Recognized Environmental Conditions (CRECs), Historical Recognized Environmental Conditions (HRECs) or De Minimis Conditions at the Site, as described herein. Accordingly, no additional investigation or action is recommended to further define and/or enhance the environmental quality of the Site at this time.

2 INTRODUCTION

2.1 Purpose

This Assessment is intended to satisfy the requirements of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments, as published in ASTM E 1527-13. Banks, insurance companies, and prospective property purchasers require an understanding of existing and past property conditions and uses to assess the potential environmental liabilities associated with a property. This assessment has been completed by a qualified environmental professional as defined in ASTM Standards.

This Report is not intended to present any legal opinions. The data and all conclusions presented in this report should be verified by the Client's and User's legal counsel. The objectives of this Assessment are stated as follows:

- Establish a basis of understanding of the past and present land uses of the Site in order to identify potential environmental and/or public health risks.
- Establish a basis of understanding of the past and present surrounding land uses and environmental resources in order to determine their impact on the environmental quality of the Site.
- Constitute an all appropriate inquiry suitable for establishing innocent landowner, contiguous property owner, or bona fide prospective purchaser (also referred to as "land owner liability protections" or "LLPs") pursuant to 42 U.S.C. § 9601 (35) (B) and the Brownfield Revitalization and Environmental Restoration Act of 2001 (Brownfield Act).
- Provide information that can be used to evaluate CERCLA liability and "good neighbor" responsibilities for contaminants migrating onto or under the Site from contiguous properties in consideration of the Brownfield Act.
- Identify, to the extent feasible, *recognized environmental conditions* (RECs) in connection with the Site and surrounding properties, as defined in Section 10 of this report.

2.2 Limitations and Exceptions

This Assessment was conducted solely to permit IEC to render a professional opinion about the likelihood of regulated contaminants being present on, in, or beneath the Site in question at the time services were conducted. This Assessment is not intended to include any sampling and analysis of materials associated with the Site (i.e., soil, water, air, or building materials). No matter how thorough a Phase I Environmental Site Assessment study may be, findings derived from its conduct are limited, and IEC cannot know or state for an absolute fact that the Site, or a portion of the Site, is unaffected by reportable quantities of regulated contaminants. Furthermore, even if IEC believes that reportable quantities of regulated contaminants are not present, there still exists a risk that such contaminants may be present or may migrate to the Site after the study is complete. This Assessment is dated and is only valid for activities that occurred prior to the date of the site visit. Activities, liabilities, and alterations to the Site subsequent to the date of the site visit are not included in the Assessment.

ASTM has developed a variety of prescriptive professional practice standards (standard practices and standard guides), identify specific methods professionals could or should use to attain results. Such prescriptive professional practice standards fail to consider the unique needs of a client, the client's project-specific expectations, or the requirements and obligations of the professionals engaged to provide service, nor do they consider more effective techniques that may have been developed subsequent to the issuance of such standards. These ASTM standards are generic and general in nature and, therefore, do not always constitute, nor are they tantamount to the applicable standard of care, which necessarily is defined and must consider project-specific contractual terms and other particular needs, expectations, circumstances, and requirements of the project and the professional engagement. Full adherence to ASTM's prescriptive professional practice standards may not be appropriate or in the best interests of the client or the project IEC's instruments of service. IEC has worked to develop a scope of service specifically for this project, in accordance with Client's needs and preferences and IEC's professional and contractual obligations.

The ASTM Standard Practice E 1527-13 provides specific guidance for issues or conditions at a *property* that parties may wish to assess in connection with *commercial real estate* that are outside the scope of the ASTM Practice (the "non-scope considerations"). Non-scope considerations, include but are not limited to, the following: asbestos-containing building materials, biological agents, cultural and historical resources, ecological resources, endangered species, health and safety, indoor air quality unrelated to releases of hazardous substances or petroleum products into the environmental, industrial hygiene, lead-based paint, lead in drinking water, mold, radon, regulatory compliance, and wetlands. However, it is noted that this list is not intended to be all-inclusive. Notwithstanding, some substances may be present on a *property* in quantities and under conditions that may lead to contamination of the *property* or of nearby properties but are not included in CERCLA's definition of *hazardous substances* (42 U.S.C. §9601(14)) or do not otherwise present potential CERCLA liability. Whether or not a *user* elects to inquire into non-scope considerations in connection with this practice or any other *environmental site assessment*, no assessment of such non-scope considerations is required or recognized under the All Appropriate Inquiry Final Rule and are considered beyond the scope of the ASTM Standard Practice E 1527-13 and this Assessment.

It must be noted that the accuracy of any assessment is limited to the information available during the time of the site visit; the records, files, and drawings provided by the owner and released by governmental agencies; and the accuracy and completeness of the information provided during interviews.

2.3 Special Terms and Conditions

It is the responsibility of the *User* of this report (the party seeking to use this Assessment) to provide certain information utilized in the report. This would include reporting of any *environmental liens* (for example, consideration against the property for response action, cleanup, or remediation of hazardous substances or petroleum products) encumbering the property or specialized knowledge or experience that would assist in identifying *recognized environmental conditions*.

The standard of care is uniform in each Phase I Environmental Site Assessment (ESA); however, the availability of information, relevance, and quality of information can vary. As per ASTM Standards, the "*environmental professional* is not required to verify independently the information provided, but may rely on information provided unless he or she has actual knowledge that certain information is incorrect or unless it is obvious that certain information is incorrect based on other information obtained in the Phase I ESA or otherwise actually known to the environmental professional." Personnel involved in report preparation will make judgments on the accuracy of *user* provided information and conduct additional research as necessary in order to meet the requirement of identifying *recognized environmental conditions* on the Site.

ASTM provides a number of standard sources of historic information. IEC will seek to research historic information as may be available as a means of cross confirmation. According to ASTM's Standard Practice for Environmental Site Assessments (E 1527-13), the "environmental professional is required to review only record information that is *reasonably ascertainable*," whereby *reasonably ascertainable* is defined as:

- Information that is *publicly available*.
- Information that is obtainable from its source within *reasonable time* and cost constraints.
- Information that is *practically reviewable.*
- Information that is made available by the source within 20 days of request.

ASTM defines *reasonable time and cost constraints* as information being provided by the source within twenty calendar days of receiving a written, telephone, or in-person request at no more than a nominal cost intended to cover the source's cost of retrieving and duplicating the information. *Practically reviewable* means that "the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data." Publicly available means "that the source of the information allows access to the information to anyone upon request."

2.4 User Reliance

This Assessment was performed at the request of Camber Property Group LLC., utilizing methods and procedures consistent with good commercial or customary practices. This Assessment is intended, where applicable to the standard of care, to satisfy the requirements of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments, as published in ASTM E 1527-13. The independent conclusions represent the best professional judgment of the Environmental Professional based on the conditions that existed and the information and data available to IEC during the course of this assignment. Factual information regarding operations and conditions provided by the client, owner, or the representative has been assumed to be correct and complete. The report may be distributed and relied upon by Camber Property Group LLC. Reliance on the information and conclusions presented in this report by other party(ies) is not authorized by IEC.

3 SITE DESCRIPTION

The Site is situated on the south side of Lafayette Avenue between Thieriot Avenue and White Plains Road Ave (see **Site Location Map** – **Plate 1)**. According to the Property Detail Report provided by CoreLogic RealQuest for New York City, the combined size of the overall property is approximately 15.59 acres in size and located within the R6 zoning district. The overall property is currently assigned the NYC Tax Map Designation: Block 3600 and Lot 4 (see **Appendix A**).

According to the Client, the overall 15.59-acre property is planned for a future subdivision, as illustrated in **Plate 2**. At the Client's request, this Phase I ESA was limited to the west and southwest segment of the overall property where proposed Building 1 through Building 6 are planned on the new tax lots 4, 10, 15, 20, 25, 30, 40 and 50, herein the "Site," in anticipation of a planned apportionment of Lot 4**.** As such, the northern and eastern portion of the overall property (future tax lot 25) including addresses 731, 741, 745, 751, 755, 761 White Plains, 1870, 1880, 1890 and 1898 Lafayette Avenue was intentionally excluded, and therefore not subject to this Assessment.

3.1 Historical Site Use/ Operations

According to the historical Sanborn Maps reviewed as part of this Assessment, the Site was undeveloped from 1898 until 1998 when the Site was partially developed with the existing tennis courts, recreational fields, and paved parking space.

3.2 Topography

The elevation of the Site, as presented on the United States Geologic Survey (USGS), Flushing Quadrangle Map, approximates 13.5 feet above mean sea level. The USGS Map, which was base dated 1995, photo revised in 1977, depicts the existing structures on the Site. The Site exhibits relatively flat topography, and no surface water bodies are located on, or directly adjacent to, the Site. The Site **Topographic Map** is included as **Plate 3**.

3.3 Soil Component Identification

According to the Soil Survey of Bronx, New York (U.S. Department of Agriculture, U.S. Soil Conservation Service). The general soil component of the Site, as defined by this publication, is Urban Land- LaGuardia Complex, 0 to 3 percent slopes, low impervious surface. This soil type consists of urbanized areas where the majority of the surface is covered with buildings, roads, driveways, parking lots, and other manmade structures. Further classification of the soils in these areas is impractical.

3.4 Hydrogeology

The regional hydrogeology of the Bronx consists primarily of altered wetlands and perched water zones in fractured bedrock. The site is located in the Bronx River Basin and is classified by the NYSDEC as a Category 1 watershed. Category 1 watersheds do not meet clean water or other resource goals due to significant alteration by development. Regionally, first groundwater is encountered in the Upper Glacial Aquifer of Long Island which pinches out to the northwest of the

East River. The Upper Glacial Aquifer is discontinuous but may be locally occurring in the Bronx. Previous investigations indicate groundwater at average depth approaching 20 feet although ground and surface water associated with wetlands, perched zones and development of urban land may be found at various depths. Groundwater quality is variable and has been altered by historical non-potable use. Potable water in the Bronx comes from a system of upstate aquifers.

3.5 Groundwater Characteristics

Based upon a review of the topographic Map (Flushing Quadrangle), the topographic gradient of the Site appears to be towards the southeast. Thus, it is likely that the presumed groundwater flow direction is towards the southeast, based upon the topographic gradient and the proximal water body (Pugsley Creek located approximately 0.40-mile to the south-southeast). It should be noted that there may be localized variations in subsurface hydrology created by sewers, wells and other anthropogenic structures. Hydrologic conditions in the vicinity may be subject to variations in seasonal precipitation and geological conditions not evident during review of publicly available records. An accurate determination of groundwater depth and flow direction at the Site would require a Site-specific groundwater study, which is beyond the scope of this Phase I ESA.

The potable water supply for the Bronx is provided by the New York City Department of Environmental Protection (NYCDEP) Bureau of Water and Sewer Operations. The Catskill/Delaware watersheds consist of nineteen (19) reservoirs networked using a series of tunnels and aqueducts to transfer water to municipalities. Groundwater is not generally used in the Bronx as a source of potable water.

4 SITE VISIT

A Site visit was conducted by Mr. Chris Connolly of IEC on June 27, 2020, to observe and document the Site conditions. IEC was not accompanied by a representative at the time of the inspection. The following findings are reported as observed during the Site inspection. Photographs from the Site inspection are included in **Appendix B**.

4.1 Site Inspection Observations

The inspection of the Site revealed the following information relevant to the environmental quality of the Site:

- There are no existing structures on the Site. Currently, the Site is improved with a tennis court, paved parking and mobile office trailers associated with the overall property identified as Stevenson Commons.
- No evidence of underground storage tanks (USTs) or aboveground storage tanks (ASTs), fill ports or vents pipes was observed.
- Mobile office trailers and several shipping containers were located on the northern portion of the Site. The interior of these spaces was not made accessible for observation during the inspection.
- Staged pallets of building materials were observed on the northern portion of the Site.
- No evidence of staining or discoloration on any surface was observed.
- Overhead light poles were observed throughout the Site presumably utilizing an underground electric utility connection.
- Retail-sized gasoline containers commonly used for landscaping purposes were observed in direct contact with the ground surface in proximity to the office trailers. No other use, storage or generation of hazardous substances was evident in, on or at the property.
- Eight (8) open grate storm drains were observed throughout the Site.
- Staged stockpiles of stone and soil were observed on the paved parking area at the northwest segment. Minor amounts of construction debris including concrete, brick, fencing and building materials were observed in this area. The purposes of such was unknown but appeared to be for reuse as a product.
- Steel manhole covers for municipal sewer connections were observed throughout the Site.
- No visible evidence of on-site surface impoundments, pits, lagoons, or sumps were observed.
- No distressed, discolored or stained vegetation was observed.
- No known or potential groundwater or surface water contamination was observed.
- No known or potential prolonged use, misapplication or storage/disposal of pesticides/herbicides was observed.

4.2 Surrounding Properties

Land uses occurring on the surrounding properties may have an effect on the environmental quality of the Site. Accordingly, Impact Environmental performed a general survey of the adjacent and surrounding properties in an attempt to identify visual evidence of apparent or potential sources of environmental concern. Surrounding properties include the following:

Direction	Land Use	Evidence of any storage, handling, or discharge of hazardous substances
North	Lafayette Ave, followed by a School building and commercial properties	None identified from limited visual inspection from property border
East	Stevenson Commons residential buildings, followed by White Plains Road and two (2) United States Post Office buildings (1950 Lafayette Avenue and 734 White Plains Rd)	None identified from limited visual inspection from property border
South	Seward Ave, followed by residential apartment buildings	None identified from limited visual inspection from property border
West	Thieriot Ave, followed by residential apartment buildings	None identified from limited visual inspection from property border

4.3 Non-Scope Considerations

Non-scope considerations, include but are not limited to, the following: asbestos-containing building materials, biological agents, cultural and historical resources, ecological resources, endangered species, health and safety, indoor air quality unrelated to releases of hazardous substances or petroleum products into the environmental, industrial hygiene, lead-based paint, lead in drinking water, mold, radon, regulatory compliance, and wetlands. Inclusion of these non-scope considerations is outside the ASTM Standard Practice and was not requested by the Client or User.

4.3.1 Vapor Encroachment

The Site was not identified on any State or Federal regulatory searches. In addition, according to EDR's Vapor Encroachment Condition (VEC) Assessment Tool, one (1) source for potential non-petroleum contamination/volatile organic compounds (VOCs) exist within 0.11-miles (615 feet) northeast of the Site. The off-site listing is identified as Lamar Cleaners (1977-1994) and S & S Cleaners (2012) under the address 755 White Plains, Bronx, NY. No violations or documented spill(s) were reported. Given the absence of documented contamination and that the above off-site listing is over 100-feet from the Site boundary, and likely presence of relatively impermeable soil layers, such as highly organic, wet soils due to the former Pugsley Creek, this off-site dry cleaner is not considered vapor intrusion risk.

5 REVIEW OF PROVIDED INFORMATION AND INTERVIEWS

IEC requested that the Client provide certain information that is relevant to the environmental quality of the Site, including site history information, recorded land title reports, environmental liens, Activity and Use Limitations (AULs), specialized knowledge, and previous environmental reports. IEC evaluated this information for this Assessment. The following table summarizes the information that was provided by the Client.

Item	Provided	Not Provided	Not Available from Key Site Contact
Phase I User Questionnaire	X		
Title Records			X
Environmental Liens or Activity and Use Limitation			X
Specialized Knowledge			X
Valuation Reduction for Environmental Issues			X
Identification of Key Site Manager	X		
Reason for Performing Phase I ESA	X		
Corporate Records	X		

5.1 Owner, Property Manager, and Occupant Information

The Site is currently owned and managed by Stevenson Commons Housing Company, and currently associated with Stevenson Commons.

5.2 Title Records

Chain-of-title information was not provided by the Client for the Site.

5.3 Environmental Liens

An environmental lien search was not included in the scope of work of this assessment and therefore was not performed. However, if the findings of a lien search performed by any other party does reveal the presence of an environmental related lien on the property, this information should be forwarded to IEC for review, and any significant findings will be added to this Assessment as an addendum to this report. no knowledge of environmental liens against the Site, or limitations related to the environmental conditions.

5.4 Specialized Knowledge

IEC was not provided with specialized knowledge of previous investigations and other environmental-related actions or concerns in connection with the Site during the time of this Assessment. The Phase I Questionnaire was completed by Ms. Joanna Kandel of Camber Property Group and is included in **Appendix C**. Relevant information obtained from these reports may be referenced within this document. However, Mr. Moelis indicated the following information in the User Questionnaire:

- The Phase I is a requirement for a land use approval;
- The vacant parcel on the western segment is subject to the Phase I ESA. The existing Stevenson Commons building structures are considered separate, and not required.
- A 1973 large scale plan restricts the old Stevenson Commons development. Therefore, the new project will need to be built in accordance with modifications to the large-scale plan;
- The listing price reflects fair market value; and,
- The property will be divided into new tax lot parcels and developed with six (6) new residential buildings.

5.5 Valuation Reduction for Environmental Issues

No information was provided regarding the Property value or purchase price to demonstrate the Site has not been devalued compared to comparable properties as a result of environmental conditions at the Site or surrounding properties.

5.6 Interviews

IEC was not accompanied during the Site inspection and therefore an interview was not conducted.

5.7 Corporate Records

At the time of this Assessment, the Client provided the following:

- New York City Department of Finance, Application for Apportionments or Mergers, dated October, 29, 2020.
- Stevenson Commons Axo Southwest – Current Study, dated May 14, 2019

6 RECORDS REVIEW

The federal Freedom of Information Act (FOIA) provides rights of access to all government documents not exempt from disclosure. Accessible records include paper documents and items such as video/audio tape recordings, microfilm, and computer disks. IEC examined relevant government documentation so as to define implicit parameters affecting the environmental quality of the Site. The appropriate FOIA requests were submitted and are included in the **Appendix E** of this document along with any responses.

6.1 Local Government Record Review

6.1.1 New York City Department of Mental Health and Hygiene (NYCDOH)

The New York City Department of Health (NYCDOH) typically maintains records of underground storage tanks, storage of hazardous materials, PBS registrations, inspections, violations and permits. A FOIA request was submitted on June 18, 2019 for the Site. An acknowledgement of the request was received on June 18, 2019.

6.1.2 New York City Department of Environmental Protection (NYCDEP)

The New York City Department of Environmental Protection (NYCDEP) do not have files pertaining to previous environmental reports, violations, hazardous materials usage/storage, and miscellaneous other files regarding the environmental quality of a property. A FOIA request was submitted on June 18, 2019 for the Site. On June 26, 2019, IEC received an email stating that the NYCDEP office could not locate any records.

6.1.3 New York City Fire Department (FDNY)

The Fire Department of New York (FDNY) often has additional files regarding the storage and handling of chemicals. A Freedom of Information request was submitted on June 17, 2019 for the Site. The FDNY has neither confirmed nor denied the existence of records in association with the Site at the time of the issuance of this report.

6.1.4 NYC Department of Buildings (NYCDOB)

Typical records maintained by the Town Buildings Department can include inspections, violations, permits and sampling activities. The NYCDOB's Building Profile Database was searched on June 17, 2019. A Summary of the pertinent information obtained is presented below:

File No.	Issued Date	Work Description
50111	08/22/1975	Certificate of Occupancy for a 24-story residential building constructed slab-on-grade.
50328	12/05/1975	Certificate of Occupancy for a 24-story residential building constructed slab-on-grade.

50071	07/25/1975	Certificate of Occupancy for a 24-story residential building constructed slab-on-grade.
50162	09/24/1975	Certificate of Occupancy for a 24-story residential building constructed slab-on-grade.

The referenced information refers to the eastern segment of the overall property, which is not subject to review under this Assessment.

6.2 State Environmental Record Review

A FOIL request was submitted to the New York State Department of Environmental Conservation (NYSDEC) on June 17, 2019. An acknowledgement of the request was received on the same day of submittal. In addition to the FOIL request, IEC personnel reviewed available DEC records through the department's online Environmental Remediation Databases on June 25, 2019.

The following databases were searched: Spill Incidents, Bulk Storage Database, and Environmental Site Remediation. Information obtained is presented below:

- There are no listings for the Site in the Environmental Site Remediation database.
- There were no spills listed in the Spill Incidents database at the Site.
- There was one (1) listing for a registered UST identified as Tank No. 001, NYSDEC Site# 2-296368 that was installed on 12/01/1975 and closed-in place on 09/10/2012 in accordance with petroleum bulk storage regulations. The 20,000-gallon concrete UST stored #6 Fuel Oil.

6.3 Federal Environmental Record Review

IEC submitted a FOIA request to the United States Environmental Protection Agency (USEPA) on June 17, 2019. A response was received the same day indicating records found within the EPA's Facility Registry System (FRS).

The USEPA offers a database, MyPropertyInfo, which provides records on a specific property without a FOIA request. EPA states that the search is 'to be identical to the information you would receive by filing a FOIA request with the EPA for these records". A search was conducted on June 17, 2019 for records pertaining to the property. No records pertaining to the environmental quality of the Site were provided in the USEPA MyPropertyInfo Database.

6.4 Environmental Record Sources

Environmental record and regulatory sources searched and reviewed by IEC in performance of this regarding possible RECs, within the ASTM minimum search distance of the Site was reviewed. Refer to **Appendix F** for a copy of the regulatory database report prepared by Environmental Data Resources, Inc. (EDR). Criteria for being listed on each database and definitions of the databases, along with specific facility information, are available within the database provided in Appendix F.

IEC reviewed all the listings within the environmental database report. Based on distance from the Property, area topography, estimated direction of groundwater flow and/or regulatory status, the following listings are environmentally significant for purpose of this assessment or worthy of special note:

6.4.1 Site-Specific Database Listings

No regulatory database listings are included for the Site in the EDR report.

6.4.2 Adjoining or Surrounding Property Database Listings

1850 Lafayette Avenue (not within the boundary of the Site, and associated with existing buildings at Stevenson Commons)

- NY UST: Tank No. 001, NYSDEC Site# 2-296368, ID 12157 was installed on 12/01/1975 and closed on 09/10/2012 in accordance with petroleum bulk storage regulations. The 20,000-gallon concrete UST stored #6 Fuel Oil.
- US AIRS: Facility Registry ID 110019156367.
- FINDS/ECHO: Registry ID No. 110019156367, Dated November 19, 2004.

755 White Plains Road (Located 615-feet to the east)

The east adjoining property, located at 755 White Plains Road, is listed in the following databases: NY AIRS, NY DRYCLEANERS, NY UST, NY LTANKS, RCRA NonGen/NLR, ICIS, FINDS, ECHO, NY MANIFEST.

- NY AIRS: DEC ID 2600700360 and permit type is AFR. The permit was issued on 2/25/2016 and expires on 02/24/2026. No other relevant information has been reported.
- NY DRYCLEANERS: The Site is listed as a drycleaner. The facility ID #2-6007-00238 and is known as “S & S Cleaners”. It is listed as having been shut down.
- NY UST: Tank No. 001, and ID 12158 was installed on 12/01/1975, and closed on 10/18/2012. The 24,000-gallon, steel/carbon steel UST stored #6 Fuel oil for on site consumption. No other relevant information has been reported.
- NY LTANKS: According to the EDR listing one (1) 24,000- gallon UST was overfilled on 11/22/1989 releasing fuel oil onto the ground. Clean up of the Spill (spill # 8908381), was closed on 12/08/1992. Another spill was reported at the site on 02/26/2003 stating another tank overfill. The overfill came out the vent line and spilled onto the frozen soil surface. The surface soil was drummed and removed from the site. Clean up of the Spill (spill # 0211744), was closed on 02/27/2003. No further action was necessary.
- RCRA Non-Gen/NLR: EPA ID No. NYD084645274, S&S Cleaners is listed on 01/01/2007, 01/01/2006 and 07/08/1999 as a non- generator. The Site is listed on 6/19/1991 as a large quantity generator for spent halogenated solvents. No violations were found.
- ICIS: Enforcement Action ID No. 02-1998-0229, “S&S Cleaners”. No other information has been reported.
- FINDS/ECHO: The Site is listed under Registry ID No. 110001603382.
- NY Manifest: Tracking No. 004981647JJK is listed on 10/07/2009 for the transportation of (2) 260 pounds of metal drums/barrels.

7 REVIEW OF HISTORIC DATA

7.1 Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps are historic in nature and typically document property use, types of structures and their construction, and fuel/chemical storage. Available Sanborn Fire Insurance Maps for the Site and surrounding area were inspected to determine past uses and identify potential features of environmental concern. Maps from the following years were reviewed:1898, 1908,1919, 1928, 1950, 1969, 1977, 1978, 1981, 1983, 1986, 1989, 1991, 1992,1993, 1995, 1996, 1998, 2001, 2002, 2003, 2004, 2005, 2006, and 2007. Copies of the Sanborn Fire Insurance Maps reviewed are included in **Appendix G**.

Year	Site Historic Uses
1898-1908	The Site is depicted as undeveloped land which is intersected by Pugsley's Creek.
1919, 1928, 1950, 1969	The Site is still depicted with Pugsley's Creek intersecting it as well as Leland Avenue, Underhill Avenue and Bolton Avenue which are depicted as dissecting the Site. The existing roadways are also depicted however, they are not physically open (paper streets). The southwest corner of the Site appears to be broken out into separate tax parcels. The Site remains undeveloped.
1977 - 2007	The Site remains undeveloped with no permanent structures. The adjoining property to the east has been developed with eleven (11) structures known as Stevenson Commons. These maps appear consistent with the current configuration.

7.2 City Directory

City directories provided by EDR at approximate five-year intervals were reviewed by IEC personnel. This data can be interpreted to yield relevant information regarding past land uses that may have affected the environmental quality of the Site and/or the surrounding properties. City directory information was obtained for the Site for the following years: 1927, 1931, 1940, 1949, 1956, 1961, 1965, 1971, 1976, 1983, 1993, 2000, 2005, 2010, and 2014. Development at the site including tennis courts, recreation fields and parking lots are associated to the overall property to the east known as Stevenson Commons. Refer to **Appendix G** for the EDR City Directory Abstract.

Off-Site Addresses	Listing	Date Listed
731 White Plains Road	• Comprehensive Community Development • Various Medical Offices • Various Pharmacies	1993-2013

741 White Plains Road	• Residential Tenants • Triboro 24-7 Baggage Service	2000-2008
755 White Plains Road	• Residential Tenants • S & S Cleaners • Stevenson Commons • Bronx Youth Tennis Center • Grenadier Realty Corp. • Dwelling managers Inc. • S & S Cleaners	1983-2005 2000-2005 2008 2013
1850 Lafayette Avenue	• Residential Tenants •	1983-2005
1856 Lafayette Avenue	• Residential Tenants	1983-2005
1870 Lafayette Avenue	• Residential Tenants • HRH Construction • Hydraulic Plumbing & Heating Corp. • Settlesmeest Housing Fund	1983-2005 1976
1880 Lafayette Avenue	• Residential Tenants • Stevenson Commons Tenants Association	1983-2005
1890 Lafayette Avenue	• Grocery and Deli	1983-2013

8 EVALUATION OF FINDINGS AND RECOMMENDATIONS

An evaluation of the data obtained under the scope of this Phase I ESA was performed to identify RECs, CRECs, HRECs, BERs and de minimis conditions associated with the Site. The evaluation included a review of the reasonably ascertainable data collected under the scope of this Assessment. The evaluation considered the significance of data gaps that were inherent to site-specific sources of information consulted for this Phase I ESA. The absence of certain information that can affect the ability of the environmental professional to identify RECs, CRECs, HRECs, BERs, or de minimis conditions is considered a data gap. A data gap is the lack of or inability to obtain information required by the All Appropriate Inquiries ruling despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site visit, user-provided information, available sources of historic information and interviews.

8.1 Data Gaps

- Storage containers located on the northern portion of the Site were not accessible during the Site inspection and as such IEC cannot make guarantees to the contents or conditions within this specific area. This lack of information represents a data gap.

8.2 Summary of Findings

Based on the Site reconnaissance conducted by IEC, the Site is comprised of a paved parking lot, landscaped grass areas, and tennis courts. The Site is utilized as a parking area and recreational space associated with Stevenson Commons Housing Community. Temporary office trailers and storage containers are located at the Site. Historical Sanborn Maps indicate that the extent of the Site was undeveloped from 1898 until 1998 when the existing paved parking area, tennis courts and recreational space associated with Stevenson Commons Housing Community were established. Although the Site is currently part of Tax Block 3600 and Lot 4, the overall property will undergo future subdivision and will be apportioned into eight (8) new tax lots for future development identified as Lot 4, 10, 15, 20, 25, 30, 40 and 50.

Based on IEC's review of reasonably ascertainable records and site reconnaissance, no current or historical on- or off-site properties and/or uses were identified to have the potential to pose a future material threat or under conditions indicative of a release that may have adversely impact the environmental quality of the Site.

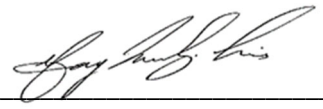
9 CONCLUSIONS

This Report has been prepared for the sole benefit of Client/User only. This Assessment may not be relied upon by any other person or entity without the express written consent of IEC. Where applicable, this Assessment included a thorough visual inspection of the Property, the examination of reasonably ascertainable records concerning the current and prior uses of the Site, and interviews with the current owners and/or operators of the Site. The findings presented herein are based on data obtained under the scope of this Assessment. The conclusions represent the professional judgment of qualified IEC staff members using available information.

IEC has performed this Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 1850 Lafayette Avenue, Bronx, NY. Any exceptions to, or omissions from, this practice are described in Section 2.2 of this Report. This Assessment has revealed no evidence of RECs, CRECs, HRECs or De Minimis Conditions. No additional activities are recommended to further define the environmental quality of the Site at this time.

I certify that this Assessment was performed under my direction and supervision, that I have reviewed and approved the report, and that the methods and procedures employed in the development of the report conform to industry standards. I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. I have developed and performed the All Appropriate Inquires in conformance with the standards and practices set forth in 40 CFR part 312. Copies of Qualifications of the Environmental Professional are included in **Appendix H**.

IMPACT ENVIRONMENTAL CLOSURES INC.



Greg Mendez Chicas, *Sr. Project Manager*
Environmental Professional

Chris Connolly,
Project Manager

10 GENERAL DEFINITIONS

Recognized Environmental Conditions—The term *recognized environmental conditions* means the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (*1*) due to any *release* to the *environment*; (*2*) under conditions indicative of a *release* to the *environment*; or (*3*) under conditions that pose a *material threat* of a future *release* to the *environment*. *De minimis* conditions are not *recognized environmental conditions*.

Controlled recognized environmental condition—a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report.

Historical recognized environmental Condition—a past *release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls (for example, *property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*). Before calling the past *release* a *historical recognized environmental condition*, the *environmental professional* must determine whether the past *release* is a *recognized environmental condition* at the time the *Phase I Environmental Site Assessment* is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past *release* to be a *recognized environmental condition* at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a *recognized environmental condition*.

Business Environmental Risk—a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of *commercial real estate*, not necessarily limited to those environmental issues required to be investigated as part of this Assessment.

De Minimis Condition—a condition that generally does not present a threat to human health or the *environment* and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis conditions* are not *recognized environmental conditions* nor *controlled recognized environmental conditions*.

Data Gap—a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.).

Migrate/Migration—for the purposes of this practice, "migrate" and "migration" refers to the movement of *hazardous substances* or *petroleum products* in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface.

Material Threat—a physically observable or *obvious* threat which is reasonably likely to lead to a *release* that, in the opinion of the *environmental professional*, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a *hazardous substance* and which shows evidence of damage. The damage would represent a *material threat* if it is deemed serious enough that it may cause or contribute to tank integrity failure with a *release* of contents to the *environment*.

11 REFERENCES

1. The Basic Guide to Environmental Inspections. Environmental Assessment Association, undated.

2. EPA's Map of Radon Zones, New York. Air and Radiation Division, United States Environmental Protection Agency, September, 1993.

3. Feasibility Study for Use of the Brooklyn Queens Aquifer as an Additional Potable Water Supply. Malcolm Pirnie, Inc., White Plains, New York, March 1999.

4. Long Island Region Water Resources Management Study. Division of Water, New York State Department of Environmental Conservation, March, 1988.

5. Sanborn Fire Insurance Maps from the Sanborn Map Company Archives. Us Library of Congress.

6. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process: ASTM Designation E 1527 - 13. The American Society for Testing and Materials, West Conshohocken, Pennsylvania, November 2013.

7. E 2091 Guide for Use of Activity and Use Limitations, Including Institutional and Engineering Controls *Federal Statutes:* Comprehensive Environmental Response, Compensation, and Liability Act of 1980 ("CERCLA" or "Superfund"), as amended by Superfund Amendments and Reauthorization

8. Act of 1986 ("SARA") and Small Business Liability Relief and Brownfields Revitalization Act of 2002 ("Brownfields Amendments"), 42 U.S.C. §§9601 *et seq*.

9. Emergency Planning and Community Right-To-Know Act of 1986 ("EPCRA"), 42 U.S.C. §§11001 *et seq*.

10. Freedom of Information Act, 5 U.S.C. §552, as amended by Public Law No. 104-231, 110 Stat. 3048

11. Resource Conservation and Recovery Act as amended ("RCRA"), 42 U.S.C §6901 *et seq*.

12. "All Appropriate Inquiry" Final Rule, 40 C.F.R. Part 312

13. Chapter 1 EPA, Subchapter J-Superfund, Emergency Planning, and Community Right-To-Know Programs, 40 C.F.R Parts 300-399

14. National Oil and Hazardous Substances Pollution Contingency Plan, 40 C.F.R. Part 300

15. OSHA Hazard Communication Regulation, 29 C.F.R. §1910.1200

12 DISCLAIMER

The purpose of this Assessment was to identify potential sources of contamination at the Site, and to satisfy the AAI standard set forth by CERCLA liability and establishing innocent landowner, contiguous property owner, or bona fide prospective purchaser (also referred to as "land owner liability protections" or "LLPs") and the Brownfield Revitalization and Brownfield Act. The findings and conclusions set forth in this Assessment are based upon information that was available to IEC during its inspection of the Property. If new information becomes available concerning the Property after this date, or if the Property is used in the future in a manner other than that which is identified in this Assessment, the findings and conclusions contained herein may have to be modified. Additionally, while this investigation was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry, IEC cannot guarantee that the Property is completely free of hazardous substances or other materials or conditions that could subject the Client to potential liability. The presence or absence of any such condition can only be confirmed through the collection and analysis of soil and/or groundwater samples, which is beyond the scope of this Assessment.

Plate 1

Site Location Map

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

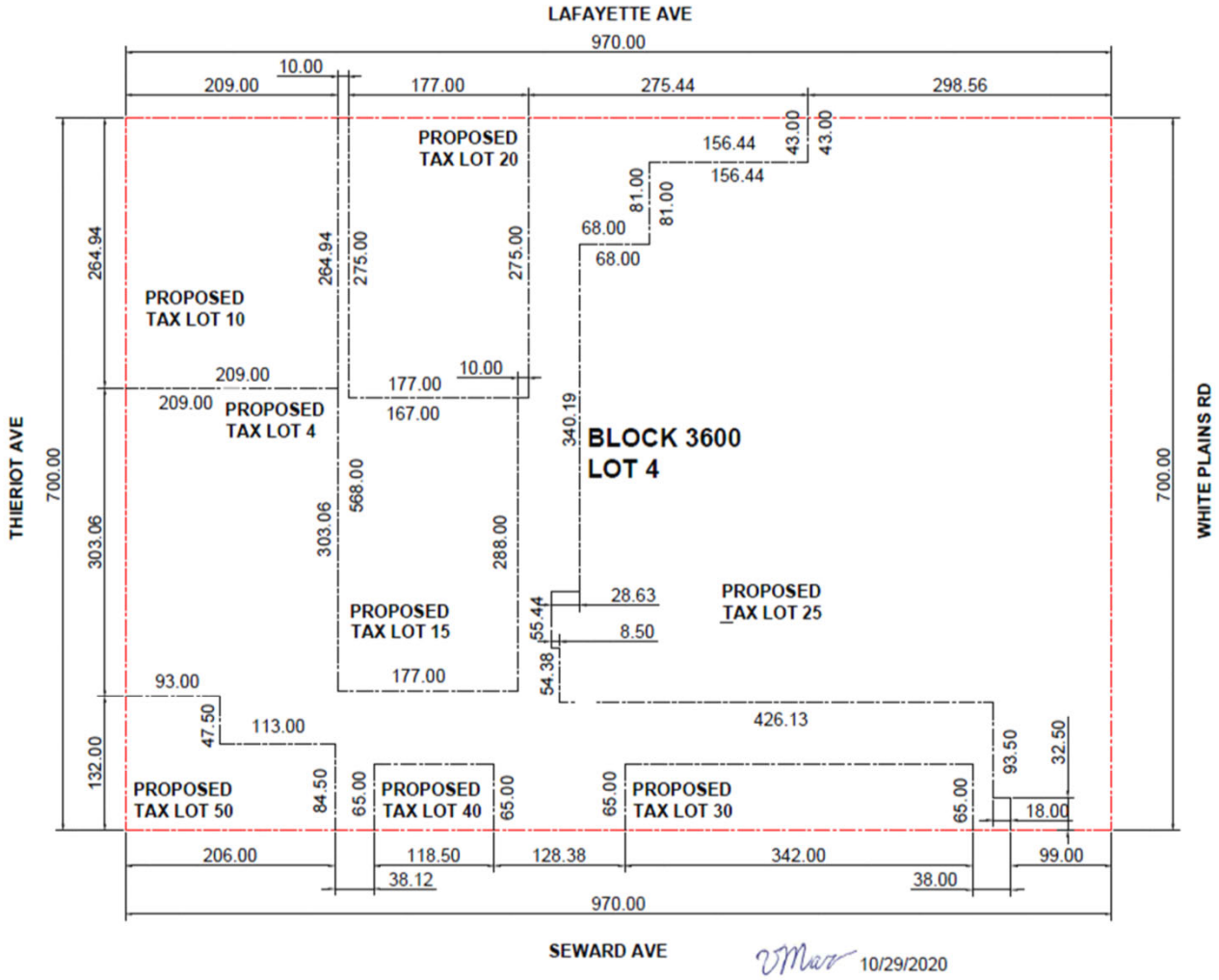
Title:	**PLATE 1 – SITE LOCATION MAP**
Site Address:	**1850 Lafayette Ave, Bronx, New York**
Project No.:	**13453**
Scale:	**NTS**

Plate 2

Tentative Tax Lot Sketch

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599



Legend

Site Location

Notes:

Tax Lot Subdivision Map

4;83#Ddid|hwwh#
Dyhqxh/#Eurq{/#Q\

Plate 2

PROJECT #	15453
DRAWN BY	CJC
CHECKED BY	GMC
DATE	8/11/20
Revisions	

N

Not to scale

IMPACT ENVIRONMENTAL CLOSURES, INC.

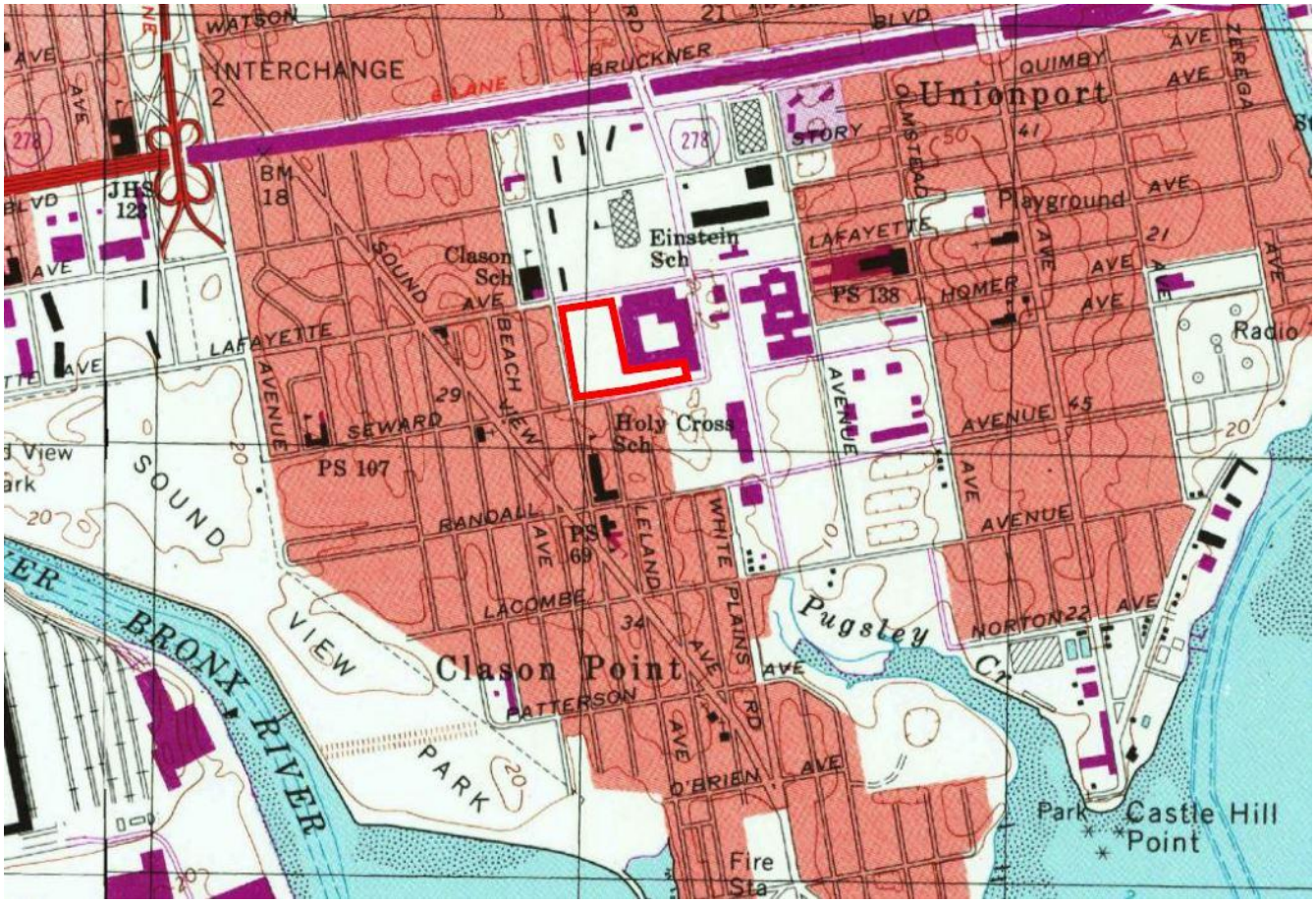
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599

Plate 3

Topographic Map

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599



IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

Title:	**PLATE 2 – TOPOGRAPHIC MAP**
Site Address:	**1850 Lafayette Avenue, Bronx, New York**
Project No.:	**13453**
Scale:	**NTS**

Appendix A

Property Detail Report

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

Property Detail Report

For Property Located At :
1850 LAFAYETTE AVE, BRONX, NY 10473-2858

CoreLogic RealQuest

Owner Information

Owner Name:	**STEVENSON COMMONS HOUSING COMPANY**
Mailing Address:	**247 W 37TH STREET 4TH FLOORC 247 W, NEW YORK NY 10018 C/O SETTLEMENT HOUSING FUND I**
Vesting Codes:	**/ /**

Location Information

Legal Description:			
County:	**BRONX, NY**	APN:	**03600-0004**
Census Tract / Block:	**16.00 / 1**	Alternate APN:	
Township-Range-Sect:	**06-00-14**	Subdivision:	
Legal Book/Page:		Map Reference:	**14-03-18 /**
Legal Lot:	**4**	Tract #:	
Legal Block:	**3600**	School District:	**3620580**
Market Area:		School District Name:	**NYC DEPT OF ED**
Neighbor Code:		Munic/Township:	

Owner Transfer Information

Recording/Sale Date:	**07/26/2017 / 06/30/2017**	Deed Type:	**BARGAIN & SALE DEED**
Sale Price:	**$70,936,348**	1st Mtg Document #:	**274651**
Document #:	**274646**		

Last Market Sale Information

Recording/Sale Date:	**01/1974 / 01/1974**	1st Mtg Amount/Type:	**/**
Sale Price:		1st Mtg Int. Rate/Type:	**/**
Sale Type:		1st Mtg Document #:	
Document #:		2nd Mtg Amount/Type:	**/**
Deed Type:	**DEED (REG)**	2nd Mtg Int. Rate/Type:	**/**
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:			

Prior Sale Information

Prior Rec/Sale Date:	**/**	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	**/**
Prior Doc Number:		Prior 1st Mtg Rate/Type:	**/**
Prior Deed Type:			

Property Characteristics

Gross Area:	**1,021,752**	Parking Type:		Construction:	
Living Area:	**1,021,752**	Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	**/**	Basement Type:		Air Cond:	
Year Built / Eff:	**1977 /**	Roof Type:		Style:	
Fireplace:	**/**	Foundation:		Quality:	
# of Stories:	**6**	Roof Material:		Condition:	
Other Improvements:	**Building Permit**				

Site Information

Zoning:	**R6**	Acres:	**15.59**	County Use:	**ELEV APT SEMI-FIREPROOF (D7)**
Lot Area:	**679,000**	Lot Width/Depth:	**700 x 970**	State Use:	
Land Use:	**APARTMENT**	Res/Comm Units:	**955 /**	Water Type:	
Site Influence:	**CORNER**			Sewer Type:	

Tax Information

Total Value:	**$34,378,000**	Assessed Year:	**2018**	Property Tax:	**$876,282.00**
Land Value:	**$4,801,000**	Improved %:	**86%**	Tax Area:	**2**
Improvement Value:	**$29,577,000**	Tax Year:	**2018**	Tax Exemption:	**MISC**
Total Taxable Value:					

Appendix B

Site Photographs

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

Photograph No. 1

Photograph No. 2

Photograph No. 3

Photograph No. 4

Photograph No. 5

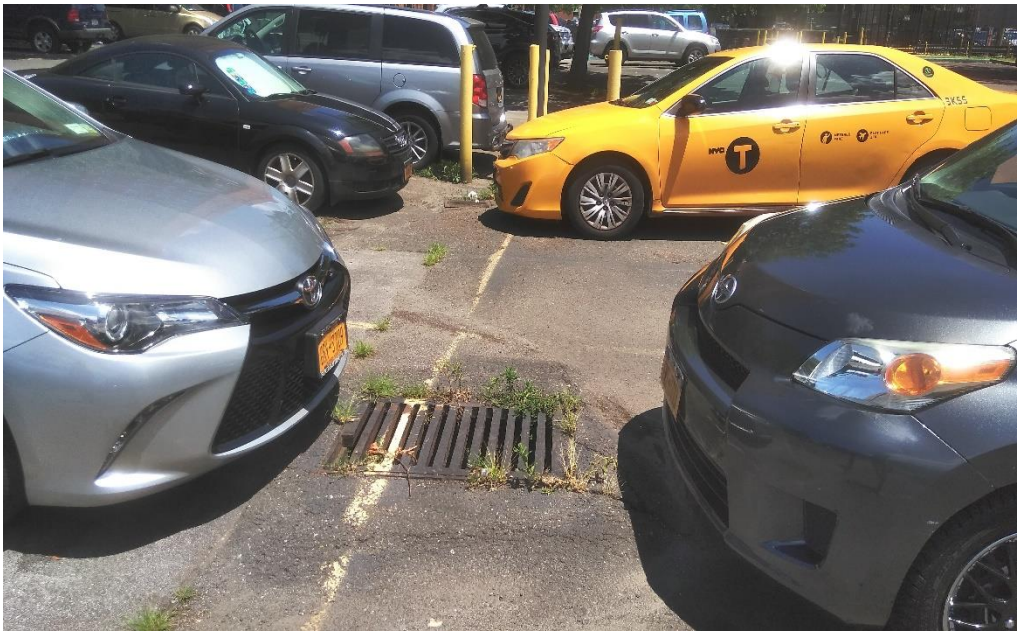
Photograph No. 6

Photograph No. 7

Photograph No. 8

Photograph No. 9

Photograph No. 10



Photograph No. 11

Photograph No. 12

Appendix C

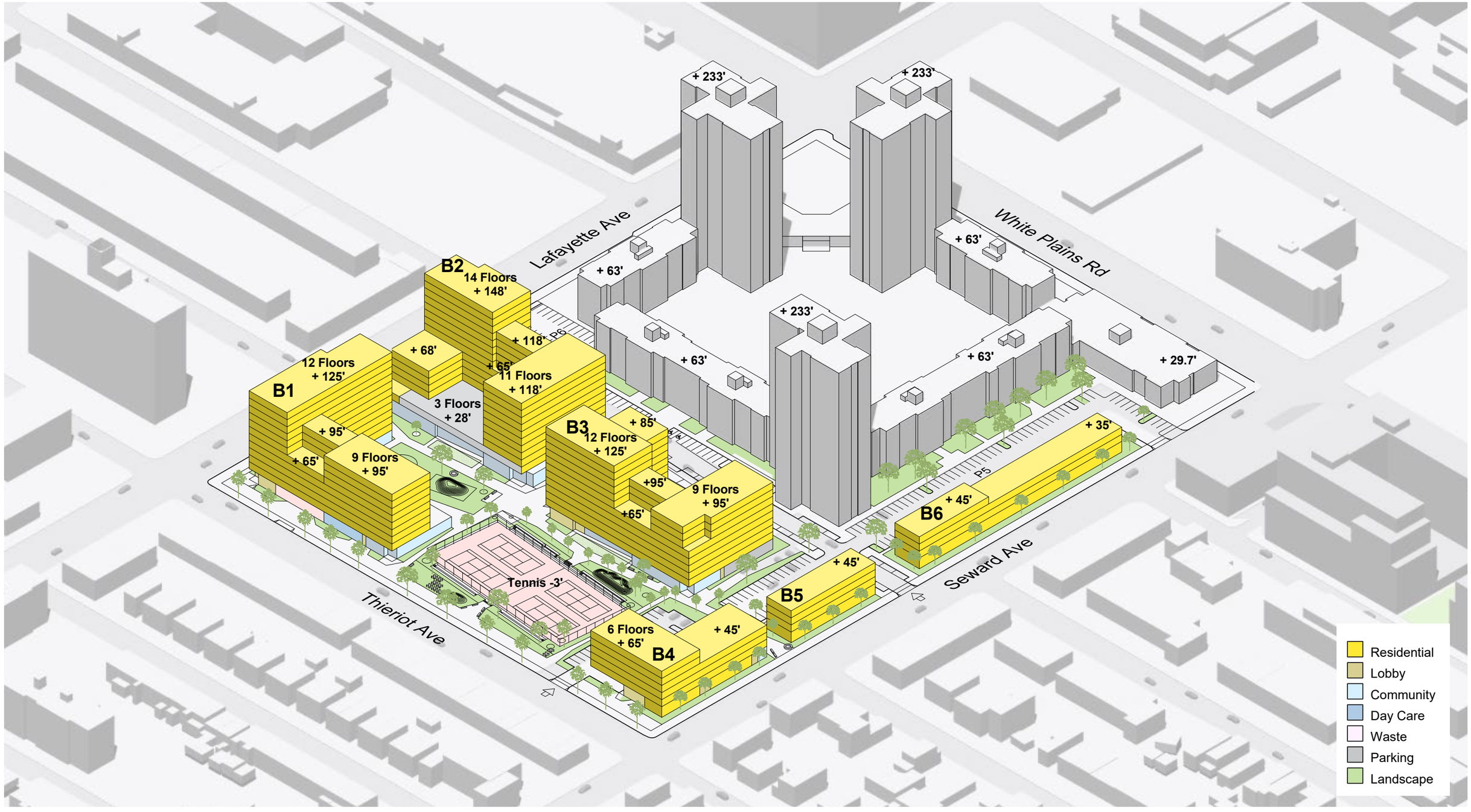
Corporate Records

1850 Lafayette Avenue, Bronx, NY

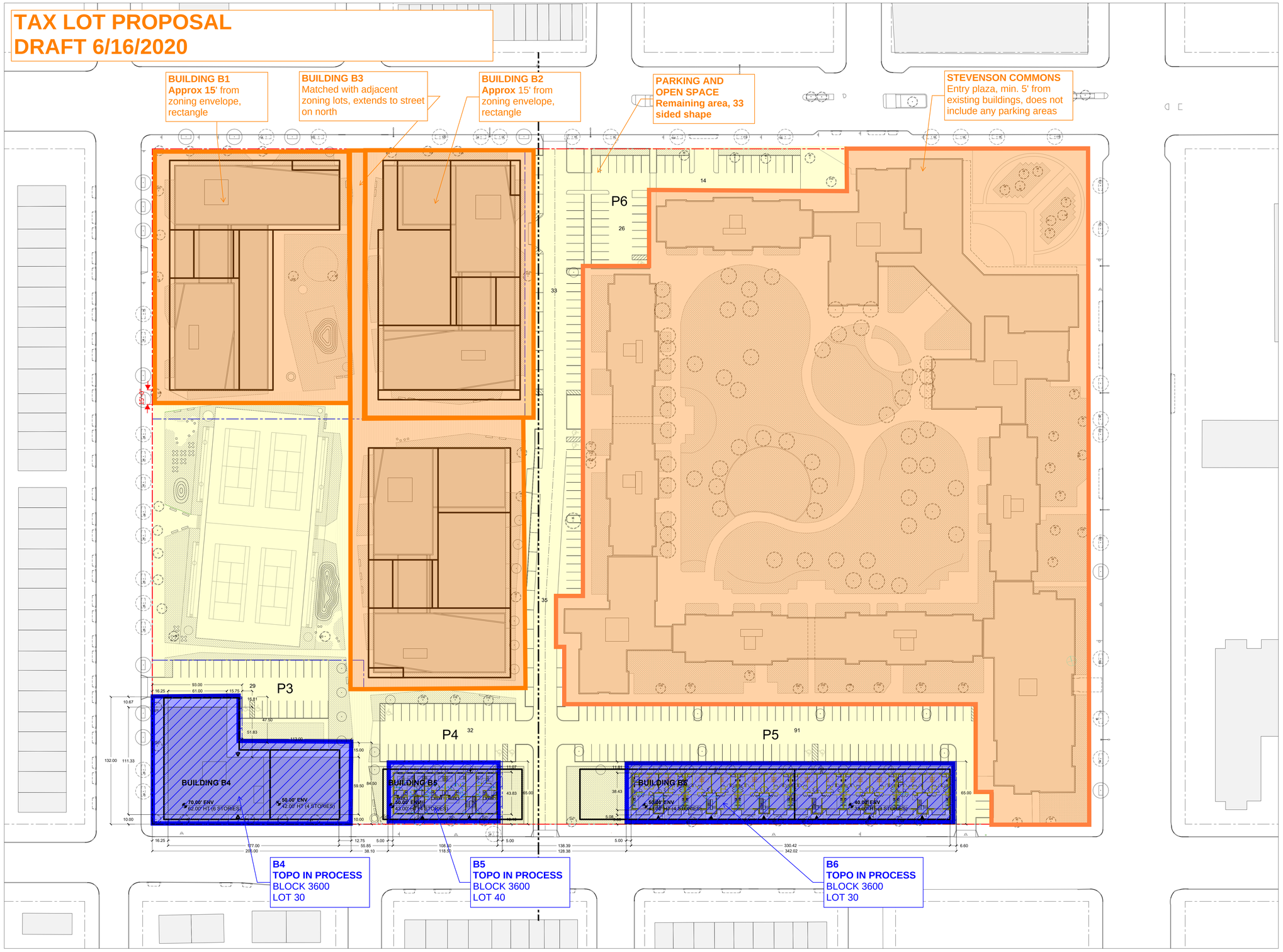
IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

Stevenson Commons

Axo Southwest - Current Study



TAX LOT PROPOSAL
DRAFT 6/16/2020



Legend

- Large Scale General Boundary
- Zoning Lot Line
- Proposed Zoning Envelope
- **Zoning Envelope Height** Illustrative Building Height
  *heights relative to base plane
- Illustrative Building
- Existing Context Building
- Residential Access Point
- Commercial Access Point
- Community Access Point
- Spot Elevation / Height (relative to NAVD88)
- Parking Access Point
- Loading Access (at loading berths)
- Traffic Direction
- Match Line
- Existing Fire Hydrant
- Proposed Curb Cut
- Existing Curb Cut (to be relocated)
- Existing Curb Cut (to mantained)
- Existing Tree & Tree Pit
- Existing Site Tree
- Proposed Tree & Tree Pit
- Existing Street Light
- Street Sign
- Planted Area
- Pavers

Notes

1. Elevations referenced to North American Vertical Datum of 1988 (NVD88) which is 1,095 feet above National Geodetic Survey Datum at Sandy Hook, New Jersey.
2. Building shown within zoning envelopes are for illustrative purposes only and are subject to change.
3. Location of bulkheads illustrative and subject to change.
4. Graphic scale applicable to all non-dimensioned elements.

Scale

0 15' 30' 90'

N

Architect

WXY

WXY architecture + urban design
224 Centre Street, 5th floor
New York, NY 10013
P (212) 219-1953
F (212) 334-1952

Rev. Date Description

Project
Stevenson Commons

Bronx, New York
Block 3600, Lot 4

Client
Camber Property Group

Seal

Drawing Title
Site Plan

Drawn by	
Checked by	
Date	November 4, 2019
Scale	1"=40'
Drawing Number	Z-010
Sheet Number	4 OF 19
Sheet Size	ARCH E1

New York City Department of Finance ● Property Division ● Tax Map Office

APPLICATION FOR APPORTIONMENTS OR MERGERS

Instructions: Please complete this application and *submit in person* to: ***Department of Finance, Property Division - Tax Map Office, 66 John Street, 2nd floor, New York, NY 10038.*** Please read the instructions for further details before completing this form. Print clearly.

SECTION A: PROPERTY INFORMATION

Borough: Bronx Block: 3600 Present Lot(s): 4

DO NOT WRITE IN THIS SPACE - FOR OFFICE USE ONLY
Lot Number: 4, 10, 15, 20, 25, 30, 40, 50

☐ Merger ☒ Apportionment Number of Lots Requested 8

☐ Air ☐ Subterranean

Lot(s) Usage: (check one)
☐ *Residential* Building Gross Sq/Ft:
☐ *Commercial* Building Gross Sq/Ft:
☒ *Mix* (Residential & Commercial) Building Gross Sq/Ft:

1. Property Owner's Name (as per Deed): (LAST NAME) (FIRST NAME)
   OR
   Company Name: STEVENSON COMMONS HOUSING COMPANY, INC.
2. Property Address: 731 WHITE PLAINS ROAD (NUMBER AND STREET) BRONX (CITY) NY (STATE) 10473 (ZIP CODE)
3. Filing Representative (if applicable): JOTTO@JMZONING.COM

SECTION B: CERTIFICATION

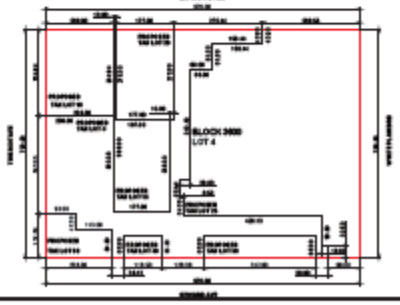
1. Architect/Engineer/Applicant's Name: WEISZ (LAST NAME) CLAIRE (FIRST NAME)
2. Address: 224 CENTRE STREET, 5TH FLOOR (NUMBER AND STREET) NEW YORK (CITY) NY (STATE) 10013 (ZIP CODE)
3. Telephone Number: 212-219-1953 4. Email Address: CLAIRE@WXYSTUDIO.COM

The applicant hereby certifies that, in making this application for merger/apportionment, s/he is the owner, or acting under the direction of the owner.

Signature of Architect/ Engineer/Applicant: Date: 10 / 14 / 2020

TAX MAP CHANGE WILL NOT BE MADE UNTIL PRESENTATION OF REQUIRED DOCUMENTS (see reverse for the required documents)

DRAW SKETCH TO SCALE 1" = 50', IF POSSIBLE INDICATE NORTH ARROW



Existing Lot Line

Proposed Lot Division

REGISTERED ARCHITECT
CLAIRE D. WEISZ
023758-1
STATE OF NEW YORK

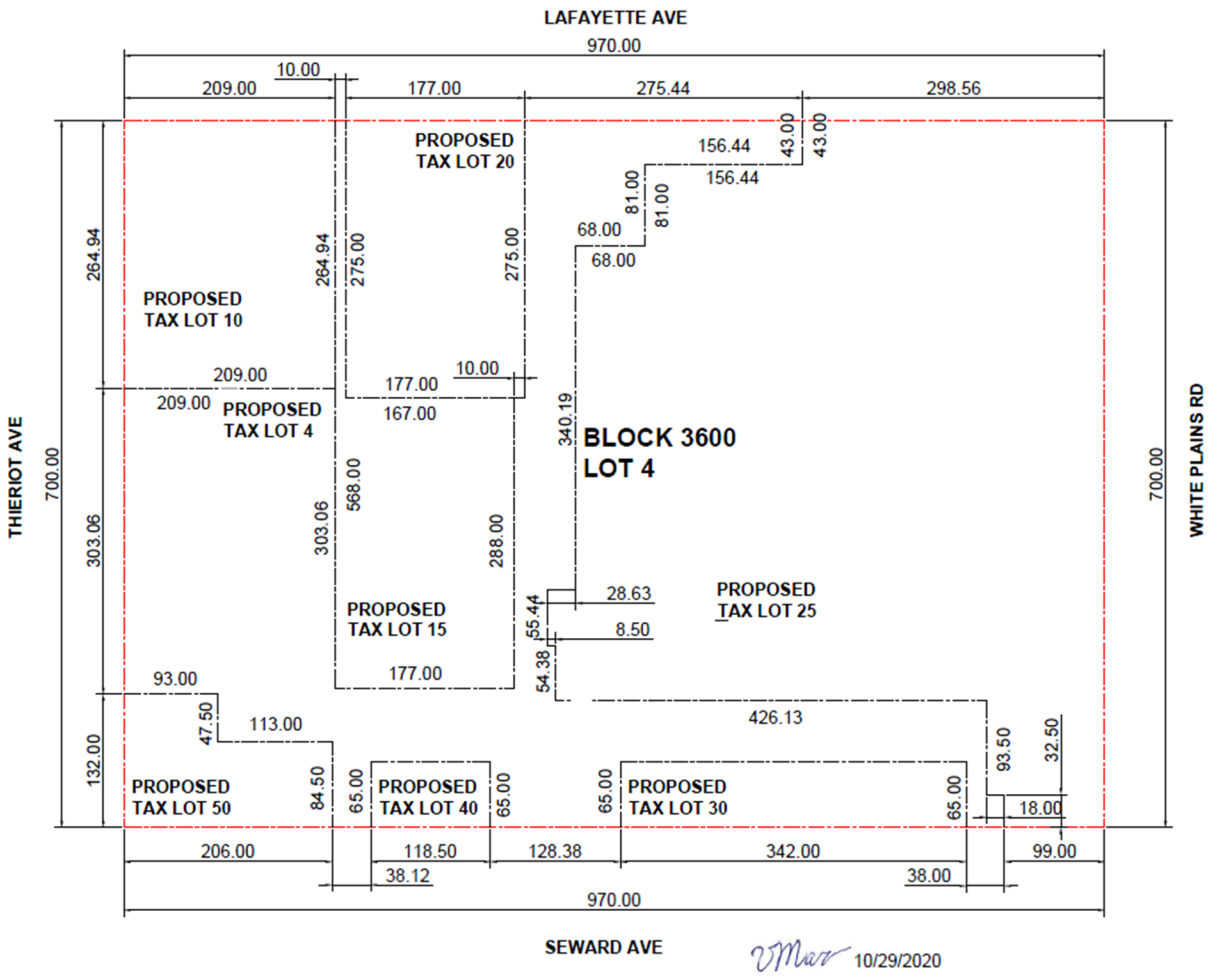
(Architect or Engineer's seal)

Tentative Lot(s) issued:
Customer Service Representative: Date: 10/29/20 New Lot(s): 10,15,20,25, 30,40,50 Lot(s) Affected: 4 Lot(s) Dropped: ---

Please note: Map changes will not be made until presentation of all required documents is reviewed and approved by the Specialist. Lots are tentative until final approval is received from the Tax Map Office.

Map Updated:
Tax Map Specialist: Date: ___/___/___

RP-602 Rev. 7.8.2019



Architect
WXY
WXY architecture + urban design
224 Centre Street, 5th floor
New York, NY 10013
P (212) 219-1953
F (212) 334-1952

Rev. Date Description

Project
Stevenson Commons

Bronx, New York
Block 3600, Lot 4

Client
Camber Property Group

Seal

Appendix D

Freedom of Information Requests / Public Agency Files

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

ECHO
Enforcement and Compliance History Online

Detailed Facility Report

Facility Summary

STEVENSON COMMONS
1850 LAFAYETTE AVENUE, BRONX, NY 10473

FRS (Facility Registry Service) ID: 110019156367
EPA Region: 02
Latitude: 40.82165
Longitude: -73.861
Locational Data Source: FRS
Industry:
Indian Country: N

Enforcement and Compliance Summary

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs with NC (Noncompliance) (of 12)	Qtrs with Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CAA	--	--	**No Violation Identified**	0	0	--	--	--	--	--

Regulatory Information

Clean Air Act (CAA): Operating Synthetic Minor (NY0000002600700350)
Clean Water Act (CWA): No Information
Resource Conservation and Recovery Act (RCRA): No Information
Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGRT): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110019156367					N	40.82165	-73.861
ICIS-Air	CAA	NY0000002600700350	Synthetic Minor Emissions	Operating	CAANSPS		N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110019156367	STEVENSON COMMONS	1850 LAFAYETTE AVENUE, BRONX, NY 10473
ICIS-Air	CAA	NY0000002600700350	STEVENSON COMMONS	1850 LAFAYETTE AVENUE, NEW YORK, NY 10473

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	NY0000002600700350	6513	Apartment Building Operators

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
ICIS-Air	NY0000002600700350	531110	Lessors of Residential Buildings and Dwellings

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned						

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	NY0000002600700350	No	06/08/2019	0	06/08/2019

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
CAA (Source ID: NY0000002600700350)		07/01-09/30/16	10/01-12/31/16	01/01-03/31/17	04/01-06/30/17	07/01-09/30/17	10/01-12/31/17	01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19
	Facility-Level Status	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**
	HPV History												
	Violation Type / **Agency** / **Programs** / **Pollutants**												

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
No data records returned														

Environmental Conditions

Water Quality

Permit ID	Combined Sewer System?	Number of CSO (Combined Sewer Overflow) Outfalls	12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Waterbody Name (ICIS (Integrated Compliance Information System))	Impaired Waters	Impaired Class	Causes of Impairment(s) by Group(s)	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned									

Waterbody Designated Uses

Reach Code	Waterbody Name	Exceptional Use	Recreational Use	Aquatic Life Use	Shellfish Use	Beach Closure Within Last Year	Beach Closure Within Last Two Years
No data records returned							

Air Quality

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)
Yes	Ozone	8-Hour Ozone (1997), 8-Hour Ozone (2008), 8-Hour Ozone (2015)
No	Lead	
Yes	Particulate Matter	PM-2.5 (1997), PM-2.5 (2006)
Yes	Carbon Monoxide	Carbon Monoxide (1971)
No	Nitrogen Dioxide	
No	Sulfur Dioxide	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJSCREEN home page.

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	71.6
Ozone NATA Diesel PM	71.1
NATA Air Toxics Cancer Risk	74.2

Number of EJ Indexes Above 80th Percentile
4

View EJSCREEN Report

Census Block Group EJ Indexes (percentile)	
NATA Respiratory Hazard Index (HI)	78.4
Traffic Proximity	98
Lead Paint Indicator	80.7
Superfund Proximity	78.3
Risk Management Plan (RMP) Proximity	71.8
Hazardous Waste Proximity	97.4
Wastewater Discharge Proximity	78.6

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

General Statistics	
Total Persons	683,847
Population Density	32,084/sq.mi.
Percent Minority	88%
Households in Area	234,238
Housing Units in Area	248,619
Households on Public Assistance	19,096
Persons Below Poverty Level	337,936

Geography	
Radius of Selected Area	3 mi.
Center Latitude	40.82165
Center Longitude	-73.861
Land Area	76%
Water Area	24%

Income Breakdown - Households (%)	
Less than $15,000	62,377 (27.56%)
$15,000 - $25,000	30,988 (13.69%)
$25,000 - $50,000	56,440 (24.94%)
$50,000 - $75,000	33,518 (14.81%)
Greater than $75,000	43,025 (19.01%)

Age Breakdown - Persons (%)	
Children 5 years and younger	51,314 (8%)
Minors 17 years and younger	184,783 (27%)
Adults 18 years and older	499,065 (73%)
Seniors 65 years and older	69,000 (10%)

Race Breakdown - Persons (%)	
White	214,254 (31%)
African-American	216,893 (32%)
Hispanic-Origin	383,943 (56%)
Asian/Pacific Islander	32,076 (5%)
American Indian	9,003 (1%)
Other/Multiracial	211,621 (31%)

Education Level(Persons 25 & older) - Persons (%)	
Less than 9th Grade	65,308 (16.1%)
9th through 12th Grade	70,309 (17.33%)
High School Diploma	118,149 (29.13%)
Some College/2-year	88,789 (21.89%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	63,089 (15.55%)

Related Topics: Envirofacts

FRS

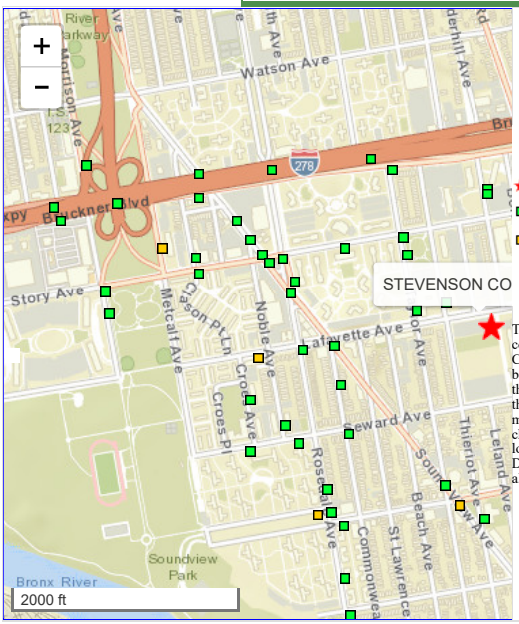
FRS Facility Detail Report

STEVENSON COMMONS

EPA Registry Id:
110019156367
1850 LAFAYETTE AVENUE
BRONX, NY 10473-2858

Facilty Registry Service Links:

- Facility Registry Service (FRS) Overview
- FRS Facility Query
- FRS Organization Query
- EZ Query
- FRS Physical Data Model
- FRS Geospatial Model



Environmental Interests

Information System	System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supp
ICIS-AIR (AIR)	STEVENSON COMMONS	NY0000002600700350	AIR SYNTHETIC MINOR	ICIS	10/19/2014	
AIR FACILITY SYSTEM	STEVENSON COMMONS	3600500004	AIR SYNTHETIC MINOR (OPERATING)	AIRS/AFS	05/07/2014	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Facility Coordinates Viewer Environmental Justice Map Viewer Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
AIRS/AFS	6513	OPERATORS OF APARTMENT BUILDINGS	

Facility Codes and Flags

EPA Region:	02
Duns Number:	
Congressional District Number:	15
Legislative District Number:	
HUC Code/Watershed:	02030102 / BRONX
US Mexico Border Indicator:	
Federal Facility:	NO
Tribal Land:	NO

Alternative Names

No Alternative Names returned.

Organizations

No Organizations returned.

National Industry Classification System Cod

Data Source	NAICS Code	Description
AIRS/AFS	531110	LESSORS OF RESIDENTIAL BUILDINGS

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name
FACILITY MAILING ADDRESS	1850 LAFAYETTE AVE	NEW YORK CITY

Contacts

No Contacts returned.

Query executed on: JUN-17-2019

Last updated on September 24, 2015

Search Results

Home

Multisystem Search

Topic Searches

System Data Searches

About the Data

Data Downloads

Widgets

Services

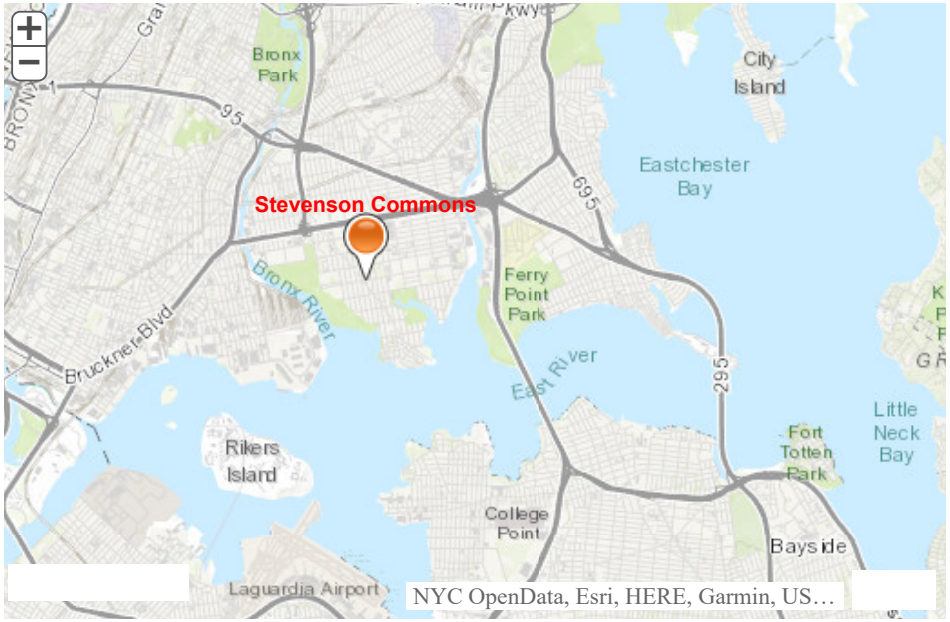
Mobile

Other Datasets

Multisystem Links

- EF Overview
- Search
- Model
- Contact Us

STEVENSON COMMONS
1850 LAFAYETTE AVENUE
BRONX, NY 10473-2858



**You can navigate within the map with your mouse.*

EPA Facility Information

This query was executed on JUN-17-2019

AFS Information

Operating Status:	O	**HPV Flag:**	
Operating Status Description:	OPERATING	**State Registration Number:**	
State County Compliance Source:	3600500004	**Government Facility Code Description:**	PRIVATELY OWNED/OPERATED
Region Code:	02	**Class Code:**	SM

Primary SIC Code:	6513	Class Code Description:	POT EMISSIONS BELOW MAJR
Primary SIC Description:	APARTMENT BUILDING OPERAT	Compliance Status:	5
NAICS Code:	531110	Compliance Status Description:	MEETING COMPLIANCE SCHEDU
NAICS Code Description:	Lessors of Residential Buildings and Dwellings	Date Plant Information Last Updated:	05/07/2014

Air Program Information

Air Program Code	Air Program Description	Air Program Status	Air Program Status Description	Air Program Subpart	Air Program Subpart Description	Class Code	Class Code Description	Compliance Status	Compliance Status Description
9	NSPS	O	OPERATING	DC	SMALL INDUS-COMMER-INSTITUTL STEAM GENER	SM	POT EMISSIONS BELOW MAJR	5	MEETING COMPLIANCE SCHEDU

Pollutant Data

Air Program Code	Pollutant Code / CAS Number	Pollutant / CAS Description	Attain Indicator	Attain Indicator Description	Pollutant Compliance Status	ES Pollutant Compliance Description	Pollutant Class Code	Pollutant Class Description
9	FACIL	FACILITY-WIDE PERMIT REQUIREMENTS	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
9	NO2	NITROGEN DIOXIDE	A	ATTAINMENT AREA FOR A GIV	5	MEETING COMPLIANCE SCHEDU	SM	POT EMISSIONS BELOW MAJR

Compliance Monitoring System Plan

CMS Start Date	FY2008 CMS Indicator	FY2008 CMS Indicator Description	FY2009 CMS Indicator	FY2009 CMS Indicator Description

Plant Actions

Action Number	Key Action Numbers	Air Program Codes	National Action Type	National Action Description	Action Type	Action Description	Date Achieved	Penalty Amount	Results Code	Results Code Description	Pollutant Code	Regional Data Element	Regional Data Element 16
90000		9			06	GENERAL ACTION TYPE SPECIFIED BY COMMENTS	25-OCT-99						

Additional Information can be obtained from Air Facility System **AFS** Search.

B Form 54C (Rev. 6/69)-16M-703756(70) THE CITY OF NEW YORK

BJ

HOUSING AND DEVELOPMENT ADMINISTRATION

N.B. 140-73

DEPARTMENT OF BUILDINGS

SHEET 1 of 3

CERTIFICATE OF OCCUPANCY

BOROUGH THE BRONX **DATE:** DEC 8 - 1975 **NO.** 50328

This certificate supersedes C.O. No. ZONING DISTRICT R-6

THIS CERTIFIES that the new—altered—existing—building—premises located at

Tower 1—1850-1852 Lafayette Ave., B-2-[illegible] Lafayette Ave., Block 3600 Lot 4

B-1-1860 Lafayette Ave., B-3-711 White Plains Rd., C-1-721 White Plains Road.

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN

B-1-1860 Lafayette Ave., B-3-711 White Plains Rd. C-1-721 White Plains Road

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS. PER SQ. FT.	MAXIMUM NO. OF PERSONS PERMITTED	ZONING: DWELLING OR ROOMING UNITS	RESOLUTION: USE GROUP	BUILDING CODE: HABITABLE ROOMS	BUILDING CODE: OCCUPANCY GROUP	DESCRIPTION OF USE
First Fl. On Grad		34		2		J-2	Lobby, Mail Rm., Vestibules
				Assess.		B-2	Tenant Storage, Vaulting Storage
				2		D-2	Boiler Rm., Gas & Elec. Meter Room &.
				2		D-2	Tenants' Laundry Rm. Bldg. Maint. Room & Fire Pump Room
				2		B-1	Refuse Room
		74		2		F-4	Community Room Kitchen, Foyer Men's and Women's Toilet
				2		E	Officem
				2		B-2	Community Room Storage
2nd thru 8th	40ea.	66 ea.	10 ea/	2	32 ea.	J-2	Class "A" Apartments (R.D.)
9th thru 24th Fire. inclus.	40ea.	66 ea.	10 ea.	2	34 ea.	J-2	Class "A" Apartments (R.D.)
Bulkhead	150	4		2		D-2	Elevator Mach. Rm., Mech. Equip. Room
		Tower Totals	230		768		

NOTES: PARKING IS PRIMARILY FOR RESIDENTS AND MAY INCLUDE PARKING FOR NON-RESIDENTS. THE TIME FOR NON-RESIDENT PARKING SHALL BE LIMITED TO NOT LESS THAN ONE (1) WEEK OR MORE THAN ONE (1) MONTH. RESIDENTS MAY RECAPTURE ANY OF THE NON-RESIDENT PARKING SPACES UPON THIRTY DAY WRITTEN NOTICE TO OWNER.

THIS CERTIFICATE SHALL ALSO BE CONSIDERED A CERTIFICATE OF COMPLIANCE OR OCCUPANCY UNDER SECTION 301 OF THE MULTIPLE DWELLING LAW.

FIRE DEPARTMENT APPROVAL OF SPRINKLER ALARM SYSTEM RECEIVED.

-CONTINUED ON SHEET 2 -

Off street parking for 398 publicity assisted D.U. = 219 cars part of 570 car open parking on site.

OPEN SPACE USES Parking Part of [illegible] (PARKING, PLAYGROUNDS, PLAYFIELDS, SWIMMING POOLS, TENNIS COURTS, PLAZAS, MALLS, PLANTINGS, OTHER USES, NONE)

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND SPECIFICATIONS NOTED ON THE REVERSE SIDE.

J. M. Cahill
BOROUGH SUPERINTENDENT

Jacob Chasanov
COMMISSIONER

OFFICE COPY—DEPARTMENT OF BUILDINGS

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS:

BEGINNING at a point on the [redacted] side of [redacted] distant [redacted] feet from the corner formed by the intersection of Lafayette Avenue and Transit Avenue;

running thence Easterly 980.0 feet; thence Southerly 700.0 feet;

thence to Seward Ave. Easterly 980.0 feet; thence to Transit Ave. Northerly 700.0 feet;

thence ..... feet; thence ..... feet;

thence ..... feet; thence ..... feet;

to the point or place of beginning.

N.B. [redacted] No. 140-75 DATE OF COMPLETION 11-17-75 CONSTRUCTION CLASSIFICATION Tower 2, 1-8, Wings B-1, B-2, B-3 & C-1 = 1-C

BUILDING OCCUPANCY GROUP CLASSIFICATION J-2 HEIGHT STORIES Tower 3= 22.25 Tower 3, 24' FEET: Wings B-1, B-2 B-3 & C-1 = 58.75 Wings B-1, B-2, B-3 & C-1 = 6

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM (C26-1702.1)			AUTOMATIC SPRINKLER SYSTEM (C26-1703.1)		
YARD HYDRANT SYSTEM (C26-1702.2)			CENTRAL STATION SUPERVISION (C26-1703.2 & .4)		
PRIVATE HYDRANT SYSTEM (C26-1702.17)			WATER FLOW ALARM (C26-1703.4)		
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM (C26-1702.21)			SIAMESE (C26-1703.6)		
SMOKE DETECTOR (C26-1703.1 J)			TWO AUTOMATIC SOURCES (C26-1703.9(a))		
FIRE ALARM AND SIGNAL SYSTEM (C26-1704.1)			ONE AUTOMATIC SOURCE (C26-1703.9(b))		
			DOMESTIC WATER SUPPLY SOURCE (C26-1703.9c)		

THE FOLLOWING PERMITTED ALTERNATE TO A REQUIRED STANDPIPE SYSTEM WAS PROVIDED OR INSTALLED (C26-1702.1d).

	YES	NO
HAND OR PORTABLE FIRE EXTINGUISHERS SUBJECT TO FIRE DEPARTMENT APPROVAL (C26-1702.1(d)(1)).		
AUTOMATIC SPRINKLER SYSTEM CONNECTED TO A CENTRAL SUPERVISORY STATION (C26-1702.1(d)(2)).		

THE FOLLOWING PERMITTED ALTERNATES TO A REQUIRED AUTOMATIC SPRINKLER SYSTEM WERE INSTALLED.

	YES	NO
PARTIAL SYSTEM (TABLE 17.2). CLARIFY EXTENT OF SYSTEM BELOW.		
AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2)		
NON AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2 FOOTNOTE (c))		
SMOKE DETECTOR ALARM SYSTEM (C26-1703.2)		

EXTINGUISHING AGENT IF OTHER THAN WATER: _____

EXTENT OF PARTIAL SYSTEM: _____

LIMITATIONS OR RESTRICTIONS:

BOARD OF STANDARDS AND APPEALS CAL. NO. _____

CITY PLANNING COMMISSION CAL. NO. _____

OTHERS:

B Form 54C (Rev. 6/69)-16M-703756(70)

THE CITY OF NEW YORK

HOUSING AND DEVELOPMENT ADMINISTRATION

N.B. 140-73

DEPARTMENT OF BUILDINGS

SHEET 2 of 3

CERTIFICATE OF OCCUPANCY

BOROUGH THE BRONX DATE: DEC 5 - 1975 NO. 50328

This certificate supersedes C.O. No. ZONING DISTRICT

THIS CERTIFIES that the new—altered—existing—building—premises located at Block Lot

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS. PER SQ. FT.	MAXIMUM NO. OF PERSONS PERMITTED	ZONING RESOLUTION: DWELLING OR ROOMING UNITS	ZONING RESOLUTION: USE GROUP	BUILDING CODE: HABITABLE ROOMS	BUILDING CODE: OCCUPANCY GROUP	DESCRIPTION OF USE
			CONTINUED FROM SHEET 1				
			W I N G B-1				
				2		J-2	Lobby, Mail Rm., Vestibule
First fl. On Gr.		16		Access to 2		B-2	Tenant Storage, Wheeltoy Storage
				"		B-1	Refuse Room
						D-2	Tenants' Laundry Rm., Elec. Closet
		34	4	2	16	J-2	Class "A", Apartment (M.D.)
2nd thru 6th Flrs. inclus.	40	52 ea.	7 ea.	2	25 ea.	J-2	Class "A", Apartment (M.D)
Bulkhead	150	4	-	2	-	D-2	Elevator Mach. Room, Mech. Equip. Room
		B-1 Wing Totals	39		141		
		W I N G B-2					
First fl. On Gr.		16	-	2	-	J-2	Lobby, Mail Rm., Vestibule
						B-2	Tenant Storage Wheeltoy Storage
						B-1	Refuse Room
						D-2	Tenants' Laundry Room, Elec. Clos
		30	4	2	14	J-2	Class "A" Apartments (M.D.)
2nd thru 6th Flrs. Inclus.	40	52 ea.	7 ea.	2	25 ea.	J-2	Class "A" Apartments (M.D.)
Bulkhead	150	4	-	2	-	D-2	Elevator Mach. Rm. Mech. Equip. Room
		B-2 Wing Total	39		139		
			CONTINUED ON SHEET 3				

OPEN SPACE USES _____
(SPECIFY—PARKING SPACES, LOADING BERTHS, OTHER USES, NONE)

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND SPECIFICATIONS NOTED ON THE REVERSE SIDE.

J. M. Cohen — BOROUGH SUPERINTENDENT

Jeremiah V. Welch — COMMISSIONER

OFFICE COPY—DEPARTMENT OF BUILDINGS

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS:

BEGINNING at a point on the ..... side of ..... distant ..... feet from the corner formed by the intersection of ..... and .....

running thence ..... feet; thence ..... feet;

thence ..... feet; thence ..... feet;

thence ..... feet; thence ..... feet;

thence ..... feet; thence ..... feet;

to the point or place of beginning.

N.B. or ALT. No. DATE OF COMPLETION CONSTRUCTION CLASSIFICATION

BUILDING OCCUPANCY GROUP CLASSIFICATION HEIGHT STORIES, FEET.

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM (C26-1702.1)			AUTOMATIC SPRINKLER SYSTEM (C26-1703.1)		
YARD HYDRANT SYSTEM (C26-1702.2)			CENTRAL STATION SUPERVISION (C26-1703.2 & .4)		
PRIVATE HYDRANT SYSTEM (C26-1702.17)			WATER FLOW ALARM (C26-1703.4)		
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM (C26-1702.21)			SIAMESE (C26-1703.6)		
			TWO AUTOMATIC SOURCES (C26-1703.9(a))		
SMOKE DETECTOR (C26-1703.1 J)			ONE AUTOMATIC SOURCE (C26-1703.9(b))		
FIRE ALARM AND SIGNAL SYSTEM (C26-1704.1)			DOMESTIC WATER SUPPLY SOURCE (C26-1703.9c)		

THE FOLLOWING PERMITTED ALTERNATE TO A REQUIRED STANDPIPE SYSTEM WAS PROVIDED OR INSTALLED (C26-1702.1d).

	YES	NO
HAND OR PORTABLE FIRE EXTINGUISHERS SUBJECT TO FIRE DEPARTMENT APPROVAL (C26-1702.1(d)(1)).		
AUTOMATIC SPRINKLER SYSTEM CONNECTED TO A CENTRAL SUPERVISORY STATION (C26-1702.1(d)(2)).		

THE FOLLOWING PERMITTED ALTERNATES TO A REQUIRED AUTOMATIC SPRINKLER SYSTEM WERE INSTALLED.

	YES	NO
PARTIAL SYSTEM (TABLE 17.2). CLARIFY EXTENT OF SYSTEM BELOW.		
AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2)		
NON AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2 FOOTNOTE (c))		
SMOKE DETECTOR ALARM SYSTEM (C26-1703.2)		

EXTINGUISHING AGENT IF OTHER THAN WATER: .....

EXTENT OF PARTIAL SYSTEM: .....

LIMITATIONS OR RESTRICTIONS:

BOARD OF STANDARDS AND APPEALS CAL. NO. _____

CITY PLANNING COMMISSION CAL. NO. _____

OTHERS:

B Form 54C (Rev. 6/69)-16M-703756(70) THE CITY OF NEW YORK

BJ

HOUSING AND DEVELOPMENT ADMINISTRATION

M.E. 140-73

DEPARTMENT OF BUILDINGS SHEET 3 OF 3

CERTIFICATE OF OCCUPANCY

BOROUGH THE BRONX DATE: DEC 5 1975 NO. 50328

This certificate supersedes C.O. No. ZONING DISTRICT

THIS CERTIFIES that the new—altered—existing—building—premises located at Block Lot

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS. PER SQ. FT.	MAXIMUM NO. OF PERSONS PERMITTED	ZONING RESOLUTION: DWELLING OR ROOMING UNITS	ZONING RESOLUTION: USE GROUP	BUILDING CODE: HABITABLE ROOMS	BUILDING CODE: OCCUPANCY GROUP	DESCRIPTION OF USE
			CONTINUED FROM SHEET 2				
			WING B				
First fl. Cm Gr.		16	-	2	-	J-2	Lobby Mail Rm., Vestibule
						B-2	Tenant Storage, Wheeltoy Storage
						B-1	Refuse Room
						B-2	Tenants' Laundry Rm. Elec. Clos.
		30	4	2	14	J-2	Class "A" Apartment (M.D.)
2nd thru 6th Flrs. Inclus.	40	52 ea.	7 ea.	2	25 ea.	J-2	Class "A" Apartments (M.D.)
Bulkhead	150	4	-	2	-	B-2	Elevator Mach Rm., Mech. Equip. Rm.
		B-2 Wing Totals	39		139		
			WING C-1				
First fl. Cm Gr.		16	-	2 Access. to 2	-	J-2	Lobby, Mail Rm., Vestibule
				"		B-2	Tenant Storage, Wheeltoy Storage
						B-1	Refuse Room
						B-2	Tenants' Laundry Rm. Elec. Clos.
	"	32	6	2	20	J-2	Class "A" Apartments (M.D.)
2nd thru 6th Flrs. Inclus.	40	60 ea.	9 ea.	2	29	J-2	Class "A" Apartments (M.D.)
Bulkhead	150	4	-	2	-	B-2	Elevator Mach., Rm. Mech. Equip. Rm.
		Wing C-1 Totals	51		165		
Tower 3, Wing B-1, B-2, B-3 & C-1 Bldg. Total			398		1,382		

THIS CERTIFICATE IS NOT VALID UNLESS SIGNED AND SEALED BY THE BOROUGH SUPERINTENDENT AND COUNTERSIGNED BY THE COMMISSIONER OF BUILDINGS OF THE CITY OF NEW YORK

OPEN SPACE USES _____

(SPECIFY—PARKING SPACES, LOADING BERTHS, OTHER USES, NONE)

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND SPECIFICATIONS NOTED ON THE REVERSE SIDE.

J. M. Cohen Jr. — BOROUGH SUPERINTENDENT

Jerrold V. Welch — COMMISSIONER

OFFICE COPY—DEPARTMENT OF BUILDINGS

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS:

BEGINNING at a point on the ..... side of
distant ..... feet from the corner formed by the intersection of
and .....

running thence ..... feet; thence ..... feet;
thence ..... feet; thence ..... feet;
thence ..... feet; thence ..... feet;
thence ..... feet; thence ..... feet;
to the point or place of beginning.

N.B. or ALT. No. DATE OF COMPLETION CONSTRUCTION CLASSIFICATION
BUILDING OCCUPANCY GROUP CLASSIFICATION HEIGHT STORIES, FEET.

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM (C26-1702.1)			AUTOMATIC SPRINKLER SYSTEM (C26-1703.1)		
YARD HYDRANT SYSTEM (C26-1702.2)			CENTRAL STATION SUPERVISION (C26-1703.2 & .4)		
PRIVATE HYDRANT SYSTEM (C26-1702.17)			WATER FLOW ALARM (C26-1703.4)		
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM (C26-1702.21)			SIAMESE (C26-1703.6)		
			TWO AUTOMATIC SOURCES (C26-1703.9(a))		
SMOKE DETECTOR (C26-1703.1 J)			ONE AUTOMATIC SOURCE (C26-1703.9(b))		
FIRE ALARM AND SIGNAL SYSTEM (C26-1704.1)			DOMESTIC WATER SUPPLY SOURCE (C26-1703.9c)		

THE FOLLOWING PERMITTED ALTERNATE TO A REQUIRED STANDPIPE SYSTEM WAS PROVIDED OR INSTALLED (C26-1702.1d).

	YES	NO
HAND OR PORTABLE FIRE EXTINGUISHERS SUBJECT TO FIRE DEPARTMENT APPROVAL (C26-1702.1(d)(1)).		
AUTOMATIC SPRINKLER SYSTEM CONNECTED TO A CENTRAL SUPERVISORY STATION (C26-1702.1(d)(2)).		

THE FOLLOWING PERMITTED ALTERNATES TO A REQUIRED AUTOMATIC SPRINKLER SYSTEM WERE INSTALLED.

	YES	NO
PARTIAL SYSTEM (TABLE 17.2). CLARIFY EXTENT OF SYSTEM BELOW.		
AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2)		
NON AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2 FOOTNOTE (c))		
SMOKE DETECTOR ALARM SYSTEM (C26-1703.2)		

EXTINGUISHING AGENT IF OTHER THAN WATER: .....
EXTENT OF PARTIAL SYSTEM: .....

LIMITATIONS OR RESTRICTIONS:

BOARD OF STANDARDS AND APPEALS CAL. NO. .....
CITY PLANNING COMMISSION CAL. NO. .....
OTHERS:

B Form 5¤C (Rev. 6/69)-16M-703756(70)

THE CITY OF NEW YORK

HOUSING AND DEVELOPMENT ADMINISTRATION

BJ

M.B. 140-73

DEPARTMENT OF BUILDINGS

CERTIFICATE OF OCCUPANCY

TEMPORARY

Sheet 1 of 3

BOROUGH THE BRONX

DATE: SEP 24 1975 NO. 50162

This certificate supersedes C.O. No. Temp. 50111-75

ZONING DISTRICT

THIS CERTIFIES that the new—altered—existing—building—premises located at Block 3600 Lot 4

Tower 1-1850-1852 Lafayette Avenue, B-2-1856 Lafayette Ave. B-1-1860 Lafayette Ave.

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN

711 White Plains Rd.
721 White Plains Rd.

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS. PER SQ. FT.	MAXIMUM NO. OF PERSONS PERMITTED	ZONING: DWELLING OR ROOMING UNITS	RESOLUTION: USE GROUP	BUILDING CODE: HABITABLE ROOMS	BUILDING CODE: OCCUPANCY GROUP	DESCRIPTION OF USE
First	On Grnd	34		2		J-2	Lobby, Mail Rm., Vestibules
				Accessory	0	E-2	Tenant Storage, Wheeltoy Storage
				2		D-2	Boiler Rm., Gas & Elec. Meter Rms
				2		D-2	Tenants' Laundry Rm. Bldg. Maint. Room & Fire Pump Room
				2		B-1	Refuse Room
		74		2		F-4	Community Room Kitchen, Foyer, Men's & Women's Toilet
				2		E	Offices
				2		B-2	Community Room Storage
2nd thru 8th	40ea.	66 ea.	10 ea.	2	32 ea.	J-2	Class "A" Apartments (M.D.)
9th thru 24th Firs. Inclus.	40ea.	56 ea.	10 ea.	2	34 ea.	J-2	Class "A" Apartments (M.D.)
Bulkhead	150	4	—	2	—	D-2	Elevator Mach. Rm., Mech Equip Rm.
		Tower Totals	230		768		

NOTES: PARKING IS PRIMARILY FOR RESIDENTS AND MAY INCLUDE PARKING FOR NON-RESIDENTS. THE TIME FOR NON-RESIDENT PARKING SHALL BE LIMITED TO NOT LESS THAN ONE WEEK OR MORE THAN ONE MONTH. RESIDENTS MAY RECAPTURE ANY OF THE NON-RESIDENT PARKING SPACES UPON THIRTY DAYS (30) WRITTEN NOTICE TO OWNER.

THIS CERTIFICATE SHALL ALSO BE CONSIDERED A CERTIFICATE OF COMPLIANCE OR OCCUPANCY UNDER SECTION 301 OF THE MULTIPLE DWELLING LAW.

FIRE DEPARTMENT APPROVAL OF SPRINKLER ALARM SYSTEMS RECEIVED.

THIS CERTIFICATE OF OCCUPANCY EXPIRES DECEMBER 23, 1975.

*CONTINUED ON SHEET 2

THIS CERTIFICATE OF OCCUPANCY MUST BE POSTED WITHIN THE BUILDING IN ACCORDANCE WITH THE RULES OF THE DEPARTMENT PROMULGATED MARCH 31ST, 196

OPEN SPACE USES (SPECIFY PARKING SPACES, LOADING BERTHS, OTHER USES, NONE) Parking: Part of 126,638 sq. ft. On Site. Off street parking for 398 publicity assisted D.U. = 219 cars part of 976 Open parking on site.

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND SPECIFICATIONS NOTED ON THE REVERSE SIDE.

J. M. Cohen
BOROUGH SUPERINTENDENT

Jeremiah V. Walsh
COMMISSIONER

OFFICE COPY—DEPARTMENT OF BUILDINGS

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS:

BEGINNING at a point on the [redacted] side of
distant [redacted] feet from the corner formed by the intersection of
[redacted] Layfayette Avenue
running thence ..... Easterly 980.0 ..... feet; thence Detroit Avenue to White Plains Road
thence ..... Westerly 980.00 ..... feet; thence Southerly 700.0 ..... feet;
thence ..... feet; thence Northerly 700.0 ..... feet;
thence ..... feet; thence ..... feet;
to the point or place of beginning.

N.B. or ALT. No. 140-73 DATE OF COMPLETION CONSTRUCTION CLASSIFICATION Tower 3, Wings B-1, B-2
BUILDING OCCUPANCY GROUP CLASSIFICATION Cl. A MD HEIGHT Tower 3 STORIES Tower 3 FEET
Wings B-1, B-2
[redacted] B-3, C-1
Wings B-1, B-2, B-3 C-1
212.63

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM (C26-1702.1)			AUTOMATIC SPRINKLER SYSTEM (C26-1703.1)		
YARD HYDRANT SYSTEM (C26-1702.2)			CENTRAL STATION SUPERVISION (C26-1703.2 & .4)		
PRIVATE HYDRANT SYSTEM (C26-1702.17)			WATER FLOW ALARM (C26-1703.4)		
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM (C26-1702.21)			SIAMESE (C26-1703.6)		
			TWO AUTOMATIC SOURCES (C26-1703.9(a))		
SMOKE DETECTOR (C26-1703.1 J)			ONE AUTOMATIC SOURCE (C26-1703.9(b))		
FIRE ALARM AND SIGNAL SYSTEM (C26-1704.1)			DOMESTIC WATER SUPPLY SOURCE (C26-1703.9c)		

THE FOLLOWING PERMITTED ALTERNATE TO A REQUIRED STANDPIPE SYSTEM WAS PROVIDED OR INSTALLED (C26-1702.1d).

	YES	NO
HAND OR PORTABLE FIRE EXTINGUISHERS SUBJECT TO FIRE DEPARTMENT APPROVAL (C26-1702.1(d)(1)).		
AUTOMATIC SPRINKLER SYSTEM CONNECTED TO A CENTRAL SUPERVISORY STATION (C26-1702.1(d)(2)).		

THE FOLLOWING PERMITTED ALTERNATES TO A REQUIRED AUTOMATIC SPRINKLER SYSTEM WERE INSTALLED.

	YES	NO
PARTIAL SYSTEM (TABLE 17.2). CLARIFY EXTENT OF SYSTEM BELOW.		
AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2)		
NON AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2 FOOTNOTE (c))		
SMOKE DETECTOR ALARM SYSTEM (C26-1703.2)		

EXTINGUISHING AGENT, IF OTHER THAN WATER: _____
EXTENT OF PARTIAL SYSTEM: _____

LIMITATIONS OR RESTRICTIONS:

BOARD OF STANDARDS AND APPEALS CAL. NO. _____
CITY PLANNING COMMISSION CAL. NO. _____
OTHERS:

P. Form 54C (Rev. 6/69)-16M-703756(70)

THE CITY OF NEW YORK

BJ

HOUSING AND DEVELOPMENT ADMINISTRATION

N.B. 140-73

DEPARTMENT OF BUILDINGS

CERTIFICATE OF OCCUPANCY

TEMPORARY

SHEET 2 of 3

BOROUGH

DATE: SEP 24 1975 NO. 50162

This certificate supersedes C.O. No.

ZONING DISTRICT

THIS CERTIFIES that the new—altered—existing—building—premises located at

Block Lot

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS. PER SQ. FT.	MAXIMUM NO. OF PERSONS PERMITTED	ZONING RESOLUTION: DWELLING OR ROOMING UNITS	ZONING RESOLUTION: USE GROUP	BUILDING CODE: HABITABLE ROOMS	BUILDING CODE: OCCUPANCY GROUP	DESCRIPTION OF USE
			*CONTINUED FROM SHEET 1				
			WING B-1				
				2		J-2	Lobby, Mail Rm., Vestibule
First fl. On Grad		16		Accessory		B-2	Tenant Storage, Wheeltoy Storage
				to 2		B-1	Refuse Room
				2		D-2	Tenants' Laundry Rm., Elec. Clos.
		34	4	2	16	J-2	Class "A" Apartment (M.D.)
2nd thru 6th Flrs. inclus.	40	52 ea.	7 ea.	2	25 ea.	J-2	Class "A" Apartment (M.D.)
Bulkhead	150	4		2		D-2	Elevator Mach. Room, Mech. Equip Room.
		B-1 Wing Totals	39		141		
			WING B-2				
First fl.	On Grad	16		2		J-2	Lobby, Mail Rm., Vestibule
						B-3	Tenant Storage Wheeltoy Storage
						B-1	Refuse Room
						D-2	Tenants' Laundry Room, Elec. Cl.
		30	4	2	14	J-2	Class "A" Apartments (M.D.)
2nd thru 6th Flrs. Inclus.	40 ea.	52 ea.	7 ea.	2	25 ea.	J-2	Class "A" Apartments (M.D.)
Bulkhead	150	4		2		D-2	Elevator Mach. Rm. Mech. Equip. Room.
		B-2 Wing Totals	39		139		

*CONTINUED ON SHEET 3

THIS CERTIFICATE OF OCCUPANCY MUST BE POSTED WITHIN THE BUILDING IN ACCORDANCE WITH THE RULES OF THE DEPARTMENT PROMULGATED MARCH 31ST. 1967.

OPEN SPACE USES Parking Part of 176,820 sq. ft. on site.
(SPECIFY PARKING SPACES, LOADING BERTHS, OTHER USES, NONE)

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND SPECIFICATIONS NOTED ON THE REVERSE SIDE.

J. M. Cohen
BOROUGH SUPERINTENDENT

Jeremiah Ruddy
COMMISSIONER 4

OFFICE COPY—DEPARTMENT OF BUILDINGS

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS:

BEGINNING at a point on the ..... side of
distant ..... feet from the corner formed by the intersection of
..... and .....

running thence .....feet; thence .....feet;
thence .....feet; thence .....feet;
thence .....feet; thence .....feet;
thence .....feet; thence .....feet;
to the point or place of beginning.

N.B. or ALT. No. DATE OF COMPLETION CONSTRUCTION CLASSIFICATION
BUILDING OCCUPANCY GROUP CLASSIFICATION HEIGHT STORIES, FEET.

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM (C26-1702.1)			AUTOMATIC SPRINKLER SYSTEM (C26-1703.1)		
YARD HYDRANT SYSTEM (C26-1702.2)			CENTRAL STATION SUPERVISION (C26-1703.2 & .4)		
PRIVATE HYDRANT SYSTEM (C26-1702.17)			WATER FLOW ALARM (C26-1703.4)		
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM (C26-1702.21)			SIAMESE (C26-1703.6)		
SMOKE DETECTOR (C26-1703.1 J)			TWO AUTOMATIC SOURCES (C26-1703.9(a))		
FIRE ALARM AND SIGNAL SYSTEM (C26-1704.1)			ONE AUTOMATIC SOURCE (C26-1703.9(b))		
			DOMESTIC WATER SUPPLY SOURCE (C26-1703.9c)		

THE FOLLOWING PERMITTED ALTERNATE TO A REQUIRED STANDPIPE SYSTEM WAS PROVIDED OR INSTALLED (C26-1702.1d).

	YES	NO
HAND OR PORTABLE FIRE EXTINGUISHERS SUBJECT TO FIRE DEPARTMENT APPROVAL (C26-1702.1(d)(1)).		
AUTOMATIC SPRINKLER SYSTEM CONNECTED TO A CENTRAL SUPERVISORY STATION (C26-1702.1(d)(2)).		

THE FOLLOWING PERMITTED ALTERNATES TO A REQUIRED AUTOMATIC SPRINKLER SYSTEM WERE INSTALLED.

	YES	NO
PARTIAL SYSTEM (TABLE 17.2). CLARIFY EXTENT OF SYSTEM BELOW.		
AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2)		
NON AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2 FOOTNOTE (c))		
SMOKE DETECTOR ALARM SYSTEM (C26-1703.2)		

EXTINGUISHING AGENT IF OTHER THAN WATER: .....
EXTENT OF PARTIAL SYSTEM: .....

LIMITATIONS OR RESTRICTIONS:
BOARD OF STANDARDS AND APPEALS CAL. NO. .....
CITY PLANNING COMMISSION CAL. NO. .....
OTHERS:

B Form 54C (Rev. 6/69)-16M-7032566(7)

THE CITY OF NEW YORK

HOUSING AND DEVELOPMENT ADMINISTRATION

BJ

DEPARTMENT OF BUILDINGS

N.B. 140-73

CERTIFICATE OF OCCUPANCY

TEMPORARY

SHEET 3 of 3

DATE: SEP 24 1975 NO. 50162

BOROUGH

ZONING DISTRICT

This certificate supersedes C.O. No.

THIS CERTIFIES that the new—altered—existing—building—premises located at Block Lot

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS. PER SQ. FT.	MAXIMUM NO. OF PERSONS PERMITTED	ZONING RESOLUTION: DWELLING OR ROOMING UNITS	ZONING RESOLUTION: USE GROUP	BUILDING CODE: HABITABLE ROOMS	BUILDING CODE: OCCUPANCY GROUP	DESCRIPTION OF USE
			*CONTINUED FROM SHEET 2				
			WING B-3				
First fl. On Gr.		16	-	-	-	J-2 B-2 B-1 D-2	Lobby, Mail Rm., Vestibule Tenant Storage, wheeltoy Storage Refuse Room Tenants' Laundry Rm. Elec. Clos.
		30	4	2	14	J-2	Class "A" Apartments (M.D.)
2nd thru 6th Flrs. Inclus.	40	52 ea.	7 ea.	2	25 ea.	J-2	Class "A" Apartments (M.D.)
Bulkhead	150	4	0	2	—	D-2	Elevator Mach Rm., Mech Equip. Rm.
		B-2 Wing Totals 39			139		
			WING C-1				
First fl. On Grad		16	-	2 Accessory to 2 "	-	J-2 B-2 B-1 D-2	Lobby, Mail Rm., Vestibule Tenant Storage, wheeltoy Storage Refuse Room Tenants' Laundry Rm. Elec. Clos.
	"	32	6	2	20	J-2	Class "A" Apartments (M.D.)
2nd thru 6th Flrs. Inclus.	40	60 ea.	9 ea.	2	29 ea.	J-2	Class "A" Apartments (M.D.)
Bulkhead	150	4	-	2	—	D-2	Elevator Mach., Rm. Mech. Equip. Room.
		C-1 Wing Totals 51			165		
Tower 3, Wing B-4, B-2, B-3 & C-1 Bldg. Total		398			1,358		

THIS CERTIFICATE OF OCCUPANCY MUST BE POSTED WITHIN THE BUILDING IN ACCORDANCE WITH THE RULES OF THE DEPARTMENT PROMULGATED MARCH 31ST, 1967

OPEN SPACE USES Parking: Part of [illegible] SPACE, LOADING BERTHS, OTHER USES, NONE)

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND SPECIFICATIONS NOTED ON THE REVERSE SIDE.

I. M. Cohen
BOROUGH SUPERINTENDENT

Irving Ellenbogen
COMMISSIONER

OFFICE COPY—DEPARTMENT OF BUILDINGS

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS:

BEGINNING at a point on the ..... side of
distant ..... feet from the corner formed by the intersection of
and
running thence ..... feet; thence ..... feet;
thence ..... feet; thence ..... feet;
thence ..... feet; thence ..... feet;
thence ..... feet; thence ..... feet;
to the point or place of beginning.

N.B. or ALT. No. DATE OF COMPLETION CONSTRUCTION CLASSIFICATION
BUILDING OCCUPANCY GROUP CLASSIFICATION HEIGHT STORIES, FEET.

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM (C26-1702.1)			AUTOMATIC SPRINKLER SYSTEM (C26-1703.1)		
YARD HYDRANT SYSTEM (C26-1702.2)			CENTRAL STATION SUPERVISION (C26-1703.2 & .4)		
PRIVATE HYDRANT SYSTEM (C26-1702.17)			WATER FLOW ALARM (C26-1703.4)		
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM (C26-1702.2)			SIAMESE (C26-1703.6)		
			TWO AUTOMATIC SOURCES (C26-1703.9(a))		
SMOKE DETECTOR (C26-1703.1)			ONE AUTOMATIC SOURCE (C26-1703.9(b))		
FIRE ALARM AND SIGNAL SYSTEM (C26-1704.1)			DOMESTIC WATER SUPPLY SOURCE (C26-1703.9c)		

THE FOLLOWING PERMITTED ALTERNATE TO A REQUIRED STANDPIPE SYSTEM WAS PROVIDED OR INSTALLED (C26-1702.1d).

	YES	NO
HAND OR PORTABLE FIRE EXTINGUISHERS SUBJECT TO FIRE DEPARTMENT APPROVAL (C26-1702.1(d)(1)).		
AUTOMATIC SPRINKLER SYSTEM CONNECTED TO A CENTRAL SUPERVISORY STATION (C26-1702.1(d)(2)).		

THE FOLLOWING PERMITTED ALTERNATES TO A REQUIRED AUTOMATIC SPRINKLER SYSTEM WERE INSTALLED.

	YES	NO
PARTIAL SYSTEM (TABLE 17-2). CLARIFY EXTENT OF SYSTEM BELOW.		
AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2)		
NON AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2 FOOTNOTE (c))		
SMOKE DETECTOR ALARM SYSTEM (C26-1703.2)		

EXTINGUISHING AGENT IF OTHER THAN WATER: _____
EXTENT OF PARTIAL SYSTEM: _____

LIMITATIONS OR RESTRICTIONS:

BOARD OF STANDARDS AND APPEALS CAL. NO. _____
CITY PLANNING COMMISSION CAL. NO. _____
OTHERS:

B Form 84C (Rev. 6/60)-1GM 7037 5(C)(1) ...ued

THE CITY OF NEW YORK

BJ

HOUSING AND DEVELOPMENT ADMINISTRATION

N.B. 140-73

DEPARTMENT OF BUILDINGS

TEMPORARY

CERTIFICATE OF OCCUPANCY

BOROUGH THE BRONX **DATE:** JUL 25 1975 **NO.** 50071

This certificate supersedes C.O. No. ZONING DISTRICT R-6

THIS CERTIFIES that the new—altered—existing—building—premises located at Block 3600 Lot 4

Tower 3 - 1850-1852 Lafayette Avenue

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS. PER SQ. FT	MAXIMUM NO. OF PERSONS PERMITTED	ZONING: DWELLING OR ROOMING UNITS	RESOLUTION: USE GROUP	BUILDING CODE: HABITABLE ROOMS	BUILDING CODE: OCCUPANCY GROUP	DESCRIPTION OF USE
First fl. On Gr.		34		2		J-2	Lobby, Mail Rm., Vestibules
				Accessory	0	B-2	Tenant Storage, Wheelitey Storage
				2		D-2	Boiler Rm., Gas & Elec. Meter Rms
				2		D-2	Tenants' Laundry Rm. Bldg. Maint. Room & Fire Pump Room
				2		B-1	Refuse Room
		74		2		F-4	Community Room Kitchen, Foyer, Men's & Women's Toilet
				2		E	Offices
				2		B-2	Community Room Storage
2nd thru 8th	40 ea.	66 ea.	10 ea.	2	32 ea.	J-2	Class "A" Apartments (M.D.)
9th thru 24th Firs. inclus.	40 ea.	66 ea.	10 ea.	2	34 ea.	J-2	Class "A" Apartments (M.D.)
Bulkhead	150	4	-	2	-	D-2	Elevator Mach. Rm., Mech. Equip Rm.
		Tower Totals	230		768		

NOTE: PARKING IS PRIMARILY FOR RESIDENTS AND MAY INCLUDE PARKING FOR NON-RESIDENTS. THE TIME FOR NON-RESIDENT PARKING SHALL BE LIMITED TO NOT LESS THAN ONE (1) WEEK OR MORE THAN ONE (1) MONTH. RESIDENTS MAY RECAPTURE ANY OF THE NON-RESIDENT PARKING SPACES UPON THIRTY (30) DAY WRITTEN NOTICE TO OWNER.

CONDITIONAL NINETY (90) DAYS FIRE DEPARTMENT APPROVAL OF SPRINKLER ALARM SYSTEMS RECEIVED. TO EXPIRES OCTOBER 24, 1975.

THIS CERTIFICATE OF OCCUPANCY EXPIRES OCTOBER 24, 1975.

THIS CERTIFICATE SHALL ALSO BE CONSIDERED A CERTIFICATE OF COMPLIANCE OR OCCUPANCY UNDER SECTION 301 OF THE MULTIPLE DWELLING LAW.

THIS CERTIFICATE MUST BE POSTED WITHIN ... AND REMAIN THEREON AS REQUIRED BY THE RULES OF THE DEPARTMENT OF BUILDINGS. EXPIRES MARCH 31ST, 1967

Off street parking for 398 publicity assisted D.U.= 219 cars part of 570

OPEN SPACE USES — ~~Parking : Part of 176,838 sq. ft. On Site~~ open parking on site.
(SPECIFY—PARKING SPACES, LOADING BERTHS, OTHER USES, NONE)

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND SPECIFICATIONS ~~NOTED~~ ON THE REVERSE SIDE.

I. M. Cohen
BOROUGH SUPERINTENDENT

Jeremiah V. Walsh
COMMISSIONER

OFFICE COPY—DEPARTMENT OF BUILDINGS

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS:

BEGINNING at a point on the ~~xxxx~~ side of ~~xxxx~~ Lafayette Avenue distant ~~xxxx~~ feet ~~xxx xxxxxx~~ from the corner formed by the intersection of ~~xxxx~~ Lafayette Avenue and Theroit Avenue

running thence Easterly 980.0 feet; thence Southerly 700.0 feet;
thence Westerly 980.00 feet; thence Northerly 700.0 feet;
thence ..... feet; thence ..... feet;
thence ..... feet; thence ..... feet;
to the point or place of beginning.

N.B. or ALT. No. 140-73 DATE OF COMPLETION ..... CONSTRUCTION CLASSIFICATION Tower 3 1-B
~~xxxx~~ OCCUPANCY GROUP CLASSIFICATION ..... HEIGHT ..... STORIES ..... FEET.
Cl. A M.D. J-2 Tower 3 24 Tower 3 212.13

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM (C26-1702.1)			AUTOMATIC SPRINKLER SYSTEM (C26-1703.1)		
YARD HYDRANT SYSTEM (C26-1702.2)			CENTRAL STATION SUPERVISION (C26-1703.2 & .4)		
PRIVATE HYDRANT SYSTEM (C26-1702.17)			WATER FLOW ALARM (C26-1703.4)		
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM (C26-1702.21)			SIAMESE (C26-1703.6)		
			TWO AUTOMATIC SOURCES (C26-1703.9(a))		
SMOKE DETECTOR (C26-1703.1 J)			ONE AUTOMATIC SOURCE (C26-1703.9(b))		
FIRE ALARM AND SIGNAL SYSTEM (C26-1704.1)			DOMESTIC WATER SUPPLY SOURCE (C26-1703.9c)		

THE FOLLOWING PERMITTED ALTERNATE TO A REQUIRED STANDPIPE SYSTEM WAS PROVIDED OR INSTALLED (C26-1702.1d).

	YES	NO
HAND OR PORTABLE FIRE EXTINGUISHERS SUBJECT TO FIRE DEPARTMENT APPROVAL (C26-1702.1(d)(1)).		
AUTOMATIC SPRINKLER SYSTEM CONNECTED TO A CENTRAL SUPERVISORY STATION (C26-1702.1(d)(2)).		

THE FOLLOWING PERMITTED ALTERNATES TO A REQUIRED AUTOMATIC SPRINKLER SYSTEM WERE INSTALLED.

	YES	NO
PARTIAL SYSTEM (TABLE 17.2). CLARIFY EXTENT OF SYSTEM BELOW.		
AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2)		
NON AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2 FOOTNOTE (c))		
SMOKE DETECTOR ALARM SYSTEM (C26-1703.2)		

EXTINGUISHING AGENT IF OTHER THAN WATER: .....
EXTENT OF PARTIAL SYSTEM: .....

LIMITATIONS OR RESTRICTIONS:

BOARD OF STANDARDS AND APPEALS CAL. NO. .....
CITY PLANNING COMMISSION CAL. NO. .....
OTHERS:

B Form 58C (Rev. 6/69) D-M-75-10-5-67

THE CITY OF NEW YORK

N.B. 140-73

HOUSING AND DEVELOPMENT ADMINISTRATION

DEPARTMENT OF BUILDINGS

TEMPORARY

CERTIFICATE OF OCCUPANCY

Sheet 1 of 2

BOROUGH THE BRONX DATE: AUG 22 1975 NO. 50111

This certificate supersedes C.O. No. Temp. 50071-75 ZONING DISTRICT R-6

THIS CERTIFIES that the new—altered—existing—building—premises located at Block 3600 Lot 4

Tower 1-1850-1852 Lafayette Avenue
B-2-1850 Lafayette Avenue

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN

B-2-1850 Lafayette Ave
B-1-1860 "

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS. PER SQ. FT.	MAXIMUM NO. OF PERSONS PERMITTED	ZONING RESOLUTION: DWELLING OR ROOMING UNITS	ZONING RESOLUTION: USE GROUP	BUILDING CODE: HABITABLE ROOMS	BUILDING CODE: OCCUPANCY GROUP	DESCRIPTION OF USE
First fl. On Gr.		34		2		J-2	Lobby, Mail Rm., Vestibules
				Accessory	0	B-2	Tenant Storage, Wheeltoy Storage
				2		D-2	Boiler Rm., Gas & Elec. Meter Rms.
				2		D-2	Tenants' Laundry Rm. Bldg. Maint. Room & Fire Pump Room
				2		B-1	Refuse Room
		74		2		F-4	Community Room Kitchen, Foyer, Men's & Women's Toilet
				2		E	Offices
				2		B-2	Community Room Storage
2nd thru 8th	40ea.	66 ea.	10 ea.	2	32 ea.	J-2	Class "A" Apartments (M.D.)
9th thru 24th Flrs. Inclus.	40ea.	66 ea.	10 ea.	2	34 ea.	J-2	Class "A" Apartments (M.D.)
Bulkhead	150	4	—	2	—	D-2	Elevator Mach. Rm., Mech Equip Rm.
		Tower Totals	250		768		

NOTES: PARKING IS PRIMARILY FOR RESIDENTS AND MAY INCLUDE PARKING FOR NON-RESIDENTS. THE TIME FOR NON-RESIDENT PARKING SHALL BE LIMITED TO NOT LESS THAN ONE WEEK OR MORE THAN ONE MONTH. RESIDENTS MAY RECAPTURE ANY OF THE NON-RESIDENT PARKING SPACES UPON THIRTY DAYS WRITTEN NOTICE TO OWNER.

THIS CERTIFICATE SHALL ALSO BE CONSIDERED A CERTIFICATE OF COMPLIANCE OR OCCUPANCY UNDER SECTION 301 OF THE MULTIPLE DWELLING LAW.

CONDITIONAL NINETY (90) DAYS FIRE DEPT. APPROVAL OF SPRINKLER ALARM SYSTEMS RECEIVED, TO EXPIRES OCTOBER 24, 1975.

THIS CERTIFICATE OF OCCUPANCY EXPIRES OCTOBER 24, 1975.

THIS CERTIFICATE OF OCCUPANCY MUST BE POSTED WITHIN THE BUILDING IN ACCORDANCE WITH THE RULES OF THE DEPARTMENT PROMULGATED MARCH 31ST, 1967

Off street parking for 398 publicity assisted D.U. = 219 cars part of 570

OPEN SPACE USES ~~Parking:~~ Part of 176,838 sq. ft. On Site. (SPECIFY—PARKING SPACES, LOADING BERTHS, ~~open parking~~ on site.

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND SPECIFICATIONS NOTED ON THE REVERSE SIDE.

J. M. Cohen Jr.
BOROUGH SUPERINTENDENT

Jerome V. Walsh
COMMISSIONER

OFFICE COPY—DEPARTMENT OF BUILDINGS

NYCDOH- Foil request form

Coreyn Goddard

Mon 6/17/2019 1:34 PM

To: recordsaccess@health.nyc.gov <recordsaccess@health.nyc.gov>;

1 attachments (79 KB)

NYSDOH- Request form.pdf;

Good afternoon, please see attached Foil Request form.

Thanks

COREYN GODDARD | Project Scientist
631-269-8800 x115 |
170 Keyland Court|Bohemia| NY|11716
Our email policies

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS:

BEGINNING at a point on the ~~[illegible]~~ ~~[illegible]~~ feet from the corner formed by the intersection of Layfayette Avenue and Theroit Avenue to White Plains Road

running thence	Easterly	980.0	feet; thence	Southerly	700.0 feet;
thence	Westerly	980.00	feet; thence	Northerly	700.0 feet;
thence			feet; thence		feet;
thence			feet; thence		feet;

to the point or place of beginning.

N.B. ~~[illegible]~~ No. 140-73 DATE OF COMPLETION CONSTRUCTION CLASSIFICATION Tower 3, Wings B-1, B-2

BUILDING OCCUPANCY GROUP CLASSIFICATION C1, A M.D. J-2 HEIGHT Tower 3 / Wings B-1, B-2 STORIES Tower 3 / Wings B-1, B-2 FEET. 24 / 212.13

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM (C26-1702.1)			AUTOMATIC SPRINKLER SYSTEM (C26-1703.1)		
YARD HYDRANT SYSTEM (C26-1702.2)			CENTRAL STATION SUPERVISION (C26-1703.2 & .4)		
PRIVATE HYDRANT SYSTEM (C26-1702.17)			WATER FLOW ALARM (C26-1703.4)		
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM (C26-1702.21)			SIAMESE (C26-1703.6)		
			TWO AUTOMATIC SOURCES (C26-1703.9(a))		
SMOKE DETECTOR (C26-1703.1 J)			ONE AUTOMATIC SOURCE (C26-1703.9(b))		
FIRE ALARM AND SIGNAL SYSTEM (C26-1704.1)			DOMESTIC WATER SUPPLY SOURCE (C26-1703.9c)		

THE FOLLOWING PERMITTED ALTERNATE TO A REQUIRED STANDPIPE SYSTEM WAS PROVIDED OR INSTALLED (C26-1702.1d).

	YES	NO
HAND OR PORTABLE FIRE EXTINGUISHERS SUBJECT TO FIRE DEPARTMENT APPROVAL (C26-1702.1(d)(1)).		
AUTOMATIC SPRINKLER SYSTEM CONNECTED TO A CENTRAL SUPERVISORY STATION (C26-1702.1(d)(2)).		

THE FOLLOWING PERMITTED ALTERNATES TO A REQUIRED AUTOMATIC SPRINKLER SYSTEM WERE INSTALLED.

	YES	NO
PARTIAL SYSTEM (TABLE 17.2). CLARIFY EXTENT OF SYSTEM BELOW.		
AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2)		
NON AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2 FOOTNOTE (c))		
SMOKE DETECTOR ALARM SYSTEM (C26-1703.2)		

EXTINGUISHING AGENT IF OTHER THAN WATER: _____

EXTENT OF PARTIAL SYSTEM: _____

LIMITATIONS OR RESTRICTIONS:

BOARD OF STANDARDS AND APPEALS CAL. NO. _____

CITY PLANNING COMMISSION CAL. NO. _____

OTHERS:

B Form 34C (Rev. 6/65-10M Printing)

THE CITY OF NEW YORK

N.B. 140-73

HOUSING AND DEVELOPMENT ADMINISTRATION

DEPARTMENT OF BUILDINGS

TEMPORARY

Sheet 2 of 2

CERTIFICATE OF OCCUPANCY

BOROUGH DATE: AUG 22 1975 NO. 50111-A

This certificate supersedes C.O. No. ZONING DISTRICT

THIS CERTIFIES that the new—altered—existing—building—premises located at Block Lot

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS. PER SQ. FT.	MAXIMUM NO. OF PERSONS PERMITTED	ZONING: DWELLING OR ROOMING UNITS	RESOLUTION: USE GROUP	BUILDING CODE: HABITABLE ROOMS	BUILDING CODE: OCCUPANCY GROUP	DESCRIPTION OF USE
			WING B-1				
First fl. On Gr.		16		2 Accessory to 2		J-2 B-2 B-1 D-2	Lobby, Mail Rm., Vestibule Tenant Storage, Wheeltoy Storage Refuse Room Tenants' Laundry Rm., Elec. Class.
		34	4	2	16	J-2	Class "A", Apartment (M.D.)
2nd thru 6th Flrs. inclus.	40	52 ea.	7 ea.	2	25 ea.	J-2	Class "A" Apartment (M.D.)
Bulkhead	150	4		2		D-2	Elevator Mach. Room, Mech. Equip. Room.
		B-1 Wing Totals 39			141		
			WING B-2				
First fl. On Gr.		16		2		J-2 B-2 B-1 D-2	Lobby, Mail Rm., Vestibule Tenant Storage Wheeltoy Storage Refuse Room Tenants' Laundry Room, Elec. Cl.
		30	4	2	14	J-2	Class "A" Apartments (M.D.
2nd thru 6th Flrs. Inclus.	40	52 ea.	7 ea.	2	25 ea.	J-2	Class "A" Apartments (M.D.)
Bulkhead	150	4		2		D-2	Elevator Mach. Rm. Mech. Equip. Room.
		B-2 Wing Totals 39			139		

[illegible] FILED [illegible] THE RULES [illegible] MAY 31ST, 1967.

OPEN SPACE USES Parking Part of 176,838 sq. ft. on Site.
(SPECIFY—PARKING SPACES, LOADING BERTHS, OTHER USES, NONE)

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND SPECIFICATIONS NOTED ON THE REVERSE SIDE.

I. M. Cohen
BOROUGH SUPERINTENDENT

Jerome Kretchmer
COMMISSIONER

OFFICE COPY—DEPARTMENT OF BUILDINGS

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS:

BEGINNING at a point on the ..... side of ..... distant ..... feet from the corner formed by the intersection of ..... and .....

running thence ..... feet; thence ..... feet;

thence ..... feet; thence ..... feet;

thence ..... feet; thence ..... feet;

thence ..... feet; thence ..... feet;

to the point or place of beginning.

N.B. or ALT. No. DATE OF COMPLETION CONSTRUCTION CLASSIFICATION

BUILDING OCCUPANCY GROUP CLASSIFICATION HEIGHT STORIES, FEET.

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM (C26-1702.1)			AUTOMATIC SPRINKLER SYSTEM (C26-1703.1)		
YARD HYDRANT SYSTEM (C26-1702.2)			CENTRAL STATION SUPERVISION (C26-1703.2 & .4)		
PRIVATE HYDRANT SYSTEM (C26-1702.17)			WATER FLOW ALARM (C26-1703.4)		
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM (C26-1702.21)			SIAMESE (C26-1703.6)		
			TWO AUTOMATIC SOURCES (C26-1703.9(a))		
SMOKE DETECTOR (C26-1703.1 J)			ONE AUTOMATIC SOURCE (C26-1703.9(b))		
FIRE ALARM AND SIGNAL SYSTEM (C26-1704.1)			DOMESTIC WATER SUPPLY SOURCE (C26-1703.9c)		

THE FOLLOWING PERMITTED ALTERNATE TO A REQUIRED STANDPIPE SYSTEM WAS PROVIDED OR INSTALLED (C26-1702.1d).

	YES	NO
HAND OR PORTABLE FIRE EXTINGUISHERS SUBJECT TO FIRE DEPARTMENT APPROVAL (C26-1702.1(d)(1)).		
AUTOMATIC SPRINKLER SYSTEM CONNECTED TO A CENTRAL SUPERVISORY STATION (C26-1702.1(d)(2)).		

THE FOLLOWING PERMITTED ALTERNATES TO A REQUIRED AUTOMATIC SPRINKLER SYSTEM WERE INSTALLED.

	YES	NO
PARTIAL SYSTEM (TABLE 17.2). CLARIFY EXTENT OF SYSTEM BELOW.		
AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2)		
NON AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2 FOOTNOTE (c))		
SMOKE DETECTOR ALARM SYSTEM (C26-1703.2)		

EXTINGUISHING AGENT IF OTHER THAN WATER: .....

EXTENT OF PARTIAL SYSTEM: .....

LIMITATIONS OR RESTRICTIONS:

BOARD OF STANDARDS AND APPEALS CAL. NO. .....

CITY PLANNING COMMISSION CAL. NO. .....

OTHERS:

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Tanks Section

9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2441 or 2442

Fuel Tank Special Report Request Form

SECTION A **CUSTOMER INFORMATION**

Please print the required information below.

COREYN GODDARD
Name

170 KEYLANIS COURT BOHEMIA
Address

NY 11716
State Zip Code

631-269-8800
Telephone Number

OFFICE USE ONLY

Cashier / Search No.

PRU Staff
Accepted By/Initials:

Searched By:

Total Amount:

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order made payable to the **NYC Fire Department and a stamped self-addressed envelope (with postage).** Mail checks or money orders directly to the address and unit listed above. **DO NOT MAIL CASH.**

SECTION B **FUEL TANK REPORT - FEE $10.00 / PER REPORT**

1850	LAFAYETTE AVE	Bronx
House Number	Street Name	Borough

- [X] THE TOTAL AMOUNT AND SIZE OF EXISTING FUEL OIL / HEATING TANKS
- [X] THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED FUEL OIL / HEATING TANKS
- [ ] THE TOTAL AMOUNT AND SIZE OF EXISTING BURIED MOTOR VEHICLE TANKS
- [ ] THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED BURIED MOTOR VEHICLE TANKS
- [ ] MOST RECENT TANK / PIPING TEST RESULTS
- [ ] HISTORY OF BURIED TANKS LEAKS

Note: Requests will be responded to within 10 business days.

NYC Health

NEW YORK CITY DEPARTMENT OF HEALTH AND MENTAL HYGIENE

For office use only
CONTROL NUMBER:

FREEDOM OF INFORMATION LAW REQUEST FORM

To: Records Access Officer
NYC Department of Health and Mental Hygiene
42-09 28th Street, 14th Floor, CN 31
Long Island City, NY 11101
Phone: (347) 396-6078/6116
Fax: (347) 396-6087
recordsaccess@health.nyc.gov

Date 6 / 17 / 19

Dear Record Access Officer:

I, Coreyn Goddard request copies of any inspection reports and/or records located in the Bureau of _____, of the New York City Department of Health and Mental Hygiene.

The records pertain to:

- ☐ Lead Poisoning
- ☐ Animal bite
- ☐ Employment/Human Resources
- ☐ Contracts/RFPs
- ☐ Pest Control
- ☒ Environmental for specific property
- ☐ Early Intervention
- ☐ Food Safety
- ☐ Mental Health
- ☐ Communicable Diseases
- ☐ School Health
- ☐ Day Care
- ☐ Other: _____

Please specify/describe the records you are requesting from the above program(s):
1850 Lafayette Ave Bronx NY . Block 3600, Lot 4. Requesting remediation and listed facilities.

There is a charge of 25¢ per page or actual costs of reproduction, payable in advance.

Requester's Name: Coreyn Goddard (Please print) _____ (Signature)

Requester's Organization: Impact Environmental

Requester's Address: 170 Keyland Ct (Street) Bohemia (City) NY (State) 11716 (Zip code)

Telephone Number: (631) 269 - 8800 E-mail: cgoddard@impactenvironmental.com

For more information, please visit: http://www1.nyc.gov/site/doh/about/ogc-foil.page

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Property Profile Overview

1850 LAFAYETTE AVENUE **BRONX 10473** **BIN# 2092708**

LAFAYETTE AVENUE 1850 - 1852

Health Area	: 3030	**Tax Block**	: 3600
Census Tract	: 16	**Tax Lot**	: 4
Community Board	: 209	**Condo**	: NO
Buildings on Lot	: 11	**Vacant**	: NO

View DCP Addresses... Browse Block

View Zoning Documents | View Challenge Results | Pre - BIS PA | View Certificates of Occupancy

VIOLATION FOR FAILURE TO CERTIFY CORRECTION OF CLASS 1 VIOLATION EXISTS ON THIS PROPERTY - DOB CIVIL PENALTIES DUE

Cross Street(s):	LELAND AVENUE, UNDERHILL AVENUE		
DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		

Special District: UNKNOWN

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, Coastal Erosion Hazard Area, or Special Flood Hazard Area. Click here for more information

Department of Finance Building Classification: D7-ELEVATOR APT

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	89	0
Violations-DOB	57	2
Violations-ECB (DOB)	25	2
Jobs/Filings	19	
ARA / LAA Jobs	1	
Total Jobs	20	
Actions	29	

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

Elevator Records
Electrical Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
Plumbing Inspections
Open Plumbing Jobs / Work Types
Facades
Marquee Annual Permits
Boiler Records
DEP Boiler Information
Crane Information
After Hours Variance Permits

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

Appendix E

Environmental Regulatory Database Review/ Search

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

Stevenson Commons
1850 Lafayette Ave
Bronx, NY 10473

Inquiry Number: 6143661.2s
August 04, 2020

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
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Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1850 LAFAYETTE AVE
BRONX, NY 10473

COORDINATES

Latitude (North):	40.8205470 - 40˚ 49' 13.96''
Longitude (West):	73.8609020 - 73˚ 51' 39.24''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	596062.8
UTM Y (Meters):	4519249.0
Elevation:	16 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5940605 FLUSHING, NY
Version Date:	2013
West Map:	5940599 CENTRAL PARK, NY
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150522
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1850 LAFAYETTE AVE
BRONX, NY 10473

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	STEVENSON COMMONS	1850 LAFAYETTE AVENU	FINDS, ECHO		TP
A2	STEVENSON COMMONS	1850 LAFAYETTE AVENU	US AIRS		TP
A3	STEVENSON COMMONS AS	1850 LAFAYETTE AVENU	NY UST		TP
A4	STEVENSON COMMON ASS	755 WHITE PLAINS RD	NY AIRS		TP
5	SEAWARD AV & LELAND	SEAWARD AV & LELAND	NY Spills	Higher	84, 0.016, South
6	CON EDISON	713 THIERIOT AV	NY MANIFEST	Higher	106, 0.020, SW
B7	CAROL GARDENS	820 THIERIOT AVE	NY Spills	Lower	186, 0.035, NW
B8	RESDIENTIAL - TTF	820 THIERIOT AVENUE	NY LTANKS, NY Spills	Lower	186, 0.035, NW
B9	CAROL GARDENS	820 THIERIOT AVENUE	NY UST	Lower	186, 0.035, NW
C10	GRAND MANOR NURSING	700 WHITE PLAINS ROA	NY UST	Lower	302, 0.057, East
C11	GRAND MANOR	700 WHITE PLAINS RD	NY LTANKS	Lower	302, 0.057, East
D12	SACK WERN HOUSES -NY	1810 LAFAYETTE AVE	NY LTANKS, NY Spills	Higher	383, 0.073, WNW
D13	SACKWERN HOUSES	1810 LAFAYETTE AVENU	NY AST	Higher	383, 0.073, WNW
D14	SACKWERN HOUSES -NYC	1810 LAFFAYETTE	NY Spills	Higher	383, 0.073, WNW
E15	RESIDENCE	659 TAYLOR AVE	NY LTANKS	Higher	395, 0.075, SW
E16	HOME	659 TAYLOR AVE	NY Spills	Higher	395, 0.075, SW
F17	NYC DEPT OF EDUCATIO	800 TAYLOR AVE	NY AST, NY MANIFEST, NY LEAD	Higher	444, 0.084, NW
F18	NYC DEPT OF EDUCATIO	800 TAYLOR AVE	RCRA-SQG, FINDS, ECHO	Higher	444, 0.084, NW
G19	#4 FUEL SPILL FROM V	731 WHITE PLAINS ROA	NY Spills	Lower	458, 0.087, ENE
H20	SACKWERN HOUSES	740 BEACH AVENUE	NY AST	Higher	498, 0.094, West
H21	SACK WERN HOUSES -NY	740 BEACH AVE	NY LTANKS	Higher	498, 0.094, West
E22	LAUD REALTY CORP	652 SOUNDVIEW AVE	NY UST, NY AST	Higher	500, 0.095, SW
I23	NYC DEPT OF EDUCATIO	601 STICKBALL BLVD	NY MANIFEST, NY LEAD	Lower	530, 0.100, ESE
I24	PS 182X SCHOOL	601 STICKBALL BLVD	RCRA-LQG, FINDS, ECHO	Lower	530, 0.100, ESE
E25	POLE 11056	660 SOUNDVIEW AVE	NY Spills	Higher	549, 0.104, SW
J26	733 BEACH AVE/BX	733 BEACH AVENUE	NY Spills	Higher	560, 0.106, WSW
G27	STEVENSON COMMONS AS	751-5 WHITE PLAINS R	NY UST	Lower	610, 0.116, NE
G28	CORNELL STATION	1950 LAFAYETTE AVENU	NY UST	Lower	614, 0.116, ENE
G29	S & S CLEANERS	755 WHITE PLAINS RD	EDR Hist Cleaner	Lower	615, 0.116, NE
G30	SN CORP	755 WHITE PLAINS RD	EDR Hist Auto	Lower	615, 0.116, NE
G31	S & S CLEANERS	755 WHITE PLAINS RD.	NY DRYCLEANERS	Lower	615, 0.116, NE
G32	STEVENSON COMMON APT	755 WHITE PLAINS ROA	NY LTANKS	Lower	615, 0.116, NE
G33	STEVENSON COMMONS	755 WHITE PLAINS RD	NY Spills	Lower	615, 0.116, NE
G34	STEVENSON COMMONS AS	755 WHITE PLAINS ROA	NY UST	Lower	615, 0.116, NE
G35	S & S CLEANERS	755 WHITE PLAINS ROA	RCRA NonGen / NLR, ICIS, FINDS, ECHO, NY MANIFEST	Lower	615, 0.116, NE
G36	VAULT 4181	WHITE PLAINS RD?LAFF	NY Spills	Lower	617, 0.117, NE
G37	STEVENSON COMMONS	CORNER OF WHITE PLAI	SEMS-ARCHIVE	Lower	617, 0.117, NE
G38	VAULT #5025	LAFAYETTE/WHITE PLAI	NY Spills	Lower	617, 0.117, NE
G39	VAULT 5025	LAFAYETTE AVE / WHIT	NY Spills	Lower	617, 0.117, NE

MAPPED SITES SUMMARY

Target Property Address:
1850 LAFAYETTE AVE
BRONX, NY 10473

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	LAFAYETTE AVE AND	WHITE PLAINS RD LAFA	NY Spills	Lower	617, 0.117, NE
G41	CON EDISON VAULT: 41	WHITE PLAINS RD & LA	RCRA NonGen / NLR, NY MANIFEST	Lower	618, 0.117, NE
J42	3- FAMILY DWELLING	710 SOUNDVIEW AVE	NY Spills	Higher	659, 0.125, WSW
G43	ADLAI STEVENSON HIGH	1980 LAFAYETTE AVE	RCRA-SQG, FINDS, ECHO, NY MANIFEST	Lower	661, 0.125, ENE
G44	ADLAI E. STEVENSON H	1980 LAFAYETTE AVENU	NY AST	Lower	661, 0.125, ENE
G45	NYC DEPT OF ED - ADL	1980 LAFAYETTE AVE	NJ MANIFEST	Lower	661, 0.125, ENE
I46	P.S 182 - BRONX X182	601 NEWMAN AVENUE	NY AST	Lower	676, 0.128, ESE
K47	CON ED	TURNBULL AVE & WHITE	NY MANIFEST	Lower	703, 0.133, NE
K48	CON EDISON	TURNBULL AVE & WHITE	NY MANIFEST	Lower	703, 0.133, NE
K49	CON EDISON	TURNBULL AVE & WHITE	NJ MANIFEST	Lower	703, 0.133, NE
K50	CON EDISON	TURNBULL AVE & WHITE	NJ MANIFEST	Lower	703, 0.133, NE
K51	CON EDISON	TURNBULL AVE & WHITE	RCRA NonGen / NLR	Lower	703, 0.133, NE
K52	CON ED	TURNBULL AVE & WHITE	NY MANIFEST	Lower	703, 0.133, NE
K53	CON EDISON	TURNBULL AVE & WHITE	NJ MANIFEST	Lower	703, 0.133, NE
K54	CON EDISON	WHITEPLAIN RD & TURN	NY MANIFEST	Lower	703, 0.133, NE
K55	CON EDISON	TURNBULL AVE & WHITE	RCRA NonGen / NLR	Lower	703, 0.133, NE
K56	CON EDISON	WHITEPLAIN RD & TURN	NJ MANIFEST	Lower	703, 0.133, NE
K57	CON EDISON MANHOLE 2	WHITE PLAINS RD & TU	RCRA NonGen / NLR	Lower	703, 0.133, NE
K58	CON EDISON	TURNBULL AVE & WHITE	RCRA NonGen / NLR	Lower	703, 0.133, NE
K59	CON EDISON	TURNBULL AVE & WHITE	NJ MANIFEST	Lower	703, 0.133, NE
K60	CON ED	TURNBULL AVE & WHITE	NY MANIFEST	Lower	703, 0.133, NE
K61	CON EDISON	TURNBULL AVE & WHITE	RCRA NonGen / NLR, FINDS, ECHO	Lower	703, 0.133, NE
K62	CON EDISON	TURNBULL AVE & WHITE	RCRA NonGen / NLR	Lower	703, 0.133, NE
L63	PARK LANE	1965 LAFAYETTE AVENU	NY UST	Lower	761, 0.144, NE
L64	PARK LANE	1965 LAFAYETTE AVENU	NY AST	Lower	761, 0.144, NE
M65	REGAL CLEANERS	609 SOUNDVIEW AVE.	NY DRYCLEANERS	Higher	772, 0.146, SSW
M66	REGAL CLEANERS	609 SOUNDVIEW AVE	RCRA NonGen / NLR, ICIS, US AIRS, FINDS, ECHO, NY...	Higher	772, 0.146, SSW
N67	CON EDISON	877 TAYLOR AVE	NJ MANIFEST	Lower	777, 0.147, NW
N68	CON EDISON	877 TAYLOR AVE	RCRA NonGen / NLR	Lower	777, 0.147, NW
N69	CON EDISON	877 TAYLOR AVE	NY MANIFEST	Lower	777, 0.147, NW
O70	CON EDISON	FO 600 THIERIOT AVE	NY MANIFEST	Higher	778, 0.147, South
M71	HOLY CROSS FRIARY	600 SOUNDVIEW AVENUE	NY UST	Higher	790, 0.150, South
P72	LELAND HOUSE	945 UNDERHILL AVE	NY AST, RCRA NonGen / NLR, ICIS, US AIRS	Lower	806, 0.153, North
O73	CON EDISON	THIERIOT & RANDALL A	NY MANIFEST	Higher	828, 0.157, South
O74	CON EDISON	THERIOT AVE & RANDAL	NY MANIFEST	Higher	828, 0.157, South
O75	HOLY CROSS SCHOOL	1846 RANDALL AVENUE	NY AST	Higher	846, 0.160, South
Q76	IS 131X SCHOOL	885 BOLTON AVE	RCRA-LQG, NY MANIFEST	Lower	853, 0.162, NNE
Q77	IS 131 SCHOOL	885 BOLTON AVE	NY AST, NY Spills	Lower	853, 0.162, NNE
R78	CONSOLIDATED EDISON	581 UNDERHILL AVE	NY MANIFEST	Higher	877, 0.166, SSE

MAPPED SITES SUMMARY

Target Property Address:
1850 LAFAYETTE AVE
BRONX, NY 10473

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
R79	CON EDISON	581 UNDERHILL AVE	RCRA NonGen / NLR	Higher	877, 0.166, SSE
S80	715 SOUNDVIEW AVENUE	715 SOUNDVIEW AVENUE	NY UST	Higher	895, 0.170, WSW
S81	FUTURE ODYSSEY HOUSE	705-715 SOUNDVIEW AV	NY LTANKS, NY Spills	Higher	895, 0.170, WSW
N82	CON EDISON	TAYLOR AVE & STORY A	NY MANIFEST	Lower	929, 0.176, NNW
N83	CON EDISON	TAYLOR AVE & STORY A	RCRA NonGen / NLR	Lower	929, 0.176, NNW
N84	CON EDISON	TAYLOR AVE & STORY A	NJ MANIFEST	Lower	929, 0.176, NNW
85	KIPS BAY BOYS & GIRL	1930 RANDALL AVE	NY AST	Lower	939, 0.178, SE
P86	LEELAND HOUSES	955 UNDERHILL AVENUE	NY LTANKS	Lower	943, 0.179, North
87	CON ED - V 2437	PUGSLEY AVE & SEWARD	RCRA NonGen / NLR, NY MANIFEST	Lower	1035, 0.196, East
T88	NYC DEPT OF EDUCATIO	560 THERIOT AVE	RCRA-LQG, FINDS, ECHO, NY MANIFEST, NY LEAD	Higher	1073, 0.203, South
T89	PUBLIC SCHOOL 69 - B	560 THIERIOT AVENUE	NY AST	Higher	1073, 0.203, South
U90	CON EDISON	LAFAYETTE AVE & SOUN	NY MANIFEST	Higher	1085, 0.205, West
U91	CON EDISON MANHOLE:	LAFAYETTE AVE & SOUN	RCRA NonGen / NLR, FINDS	Higher	1085, 0.205, West
U92	REDI CLEANERS	755 COMMONWEALTH AVE	NY DRYCLEANERS	Higher	1106, 0.209, West
U93	REDI CLEANERS	755 COMMONWEALTH AVE	RCRA NonGen / NLR, ICIS, FINDS, ECHO, NY MANIFEST	Higher	1106, 0.209, West
V94	NYCHA - MONROE HOUSE	1779 STORY AVE	RCRA-SQG	Lower	1109, 0.210, NW
V95	MONROE HOUSES	1775 STORY AVENUE	NY UST	Lower	1137, 0.215, NW
V96	MONROE HOUSES	1775 STORY AVE	NY LTANKS, NY Spills	Lower	1137, 0.215, NW
S97	RESIDENTIAL PROPERTY	727 COMMONWEALTH AVE	NY LTANKS	Higher	1147, 0.217, WSW
98	STELLAR BRUCKNER LLC	950 UNDERHILL AVENUE	NY UST, NY AST	Lower	1152, 0.218, North
U99	SHELL SERVICE STATIO	801 SOUNVIEW AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	1152, 0.218, West
100	CONSOLIDATED EDISON	780 PUGSLEY AVE	NY Spills, NY MANIFEST	Higher	1210, 0.229, ENE
101	1775 RANDALL AVENUE	1775 RANDALL AVENUE	NY LTANKS	Higher	1211, 0.229, SW
W102	CON EDISON	630 PUGSLEY AVE	NJ MANIFEST	Lower	1224, 0.232, ESE
W103	CON EDISON	630 PUGSLEY AVE	NY MANIFEST	Lower	1224, 0.232, ESE
W104	CON EDISON	630 PUGSLEY AVE	RCRA NonGen / NLR	Lower	1224, 0.232, ESE
105	1896 BRUCKNER BLVD/B	1896 BRUCKNER BLVD	NY LTANKS	Lower	1381, 0.262, North
X106	SACK WERN HOUSES -NY	710 NOBLE AVENUE	NY LTANKS	Higher	1556, 0.295, WSW
X107	SPILL NUMBER 0107060	726 NOBLE AVE	NY LTANKS	Higher	1557, 0.295, WSW
108	SOUNDVIEW HOUSES -NY	1725 RANDALL AVE	NY LTANKS, NY Spills	Higher	1611, 0.305, SW
109	SACK WERN HOUSING	1710 LAFAYETTE AVE	NY LTANKS, NY Spills	Higher	1704, 0.323, West
Y110	GETTY	1895 BRUCKNER BLVD	NY LTANKS, NY Spills	Higher	1766, 0.334, North
Y111	GETTY#58616	1895 BRUCKNER BOULVR	NY LTANKS, NY Spills	Higher	1766, 0.334, North
Z112	1915 BRUCKNER BLVD	1915 BRUCKNER BLVD	NY LTANKS, NY Spills	Higher	1857, 0.352, NNE
AA113	SACK WERN HOUSES	710 CROES AVE	NY LTANKS	Higher	1862, 0.353, WSW
AA114	SACK WERN HOUSES -NY	710 CROES AV	NY LTANKS	Higher	1862, 0.353, WSW
AA115	SACK WERN HOUSES	750 CROES AV	NY LTANKS	Higher	1863, 0.353, WSW
AA116	SACK WERN HOUSES -NY	750 CROES AVE	NY LTANKS	Higher	1863, 0.353, WSW
Z117	SHELL SERVICE STATIO	1929 BRUCKNER BLVD	NY LTANKS, NY Spills	Higher	1947, 0.369, NNE

MAPPED SITES SUMMARY

Target Property Address:
1850 LAFAYETTE AVE
BRONX, NY 10473

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
118	ORGANIC RENEWAL LLC	ORGANIC RECYCLING; I	NY SWF/LF, NY Financial Assurance	Higher	2045, 0.387, SW
119	CLASON POINT -NYCHA	1 CLASON PT LANE	NY LTANKS, NY Spills	Higher	2047, 0.388, West
AB120	FDNY ENGINE COMPANY	1689 STORY AVE	NY LTANKS, NY Spills	Higher	2156, 0.408, WNW
AB121	43 PRECINCT NYC POLI	900 FTELEY AVE	NY LTANKS	Higher	2314, 0.438, WNW
AC122	CLASON PT GARDENS	78 CLASON PT LANE	NY LTANKS, NY Spills	Higher	2332, 0.442, West
123	STELLAR 2020 LLC	2040 BRUCKNER BLVD	NY LTANKS, NY UST	Higher	2347, 0.445, NE
124	2141 SEWARD AV	2141 SEWARD AV	NY LTANKS, NY Spills	Higher	2397, 0.454, East
125	CLASON POINT GARDENS	762 METCALF AVENUE	NY LTANKS	Higher	2404, 0.455, West
126	SPILL NUMBER 0312791	1880 WATSON AVE	NY LTANKS	Higher	2420, 0.458, North
AC127	900 SETELEY	900 SETELEY	NY LTANKS	Higher	2459, 0.466, WNW
128	1847 WATSON AVE	1847 WATSON AVE	NY LTANKS	Higher	2549, 0.483, NNW
129	CLOVERLEAF TOWERS	920 METCALF AV	NY LTANKS, NY Spills	Higher	2634, 0.499, WNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
STEVENSON COMMONS 1850 LAFAYETTE AVENU BRONX, NY 10473	FINDS Registry ID:: 110019156367 ECHO Registry ID: 110019156367	N/A
STEVENSON COMMONS 1850 LAFAYETTE AVENU NEW YORK, NY 10473	US AIRS Database: US AIRS (AFS), Date of Government Version: 10/12/2016 EPA plant ID:: 110019156367	N/A
STEVENSON COMMONS AS 1850 LAFAYETTE AVENU BRONX, NY 10473	NY UST Database: UST, Date of Government Version: 03/23/2020	N/A
STEVENSON COMMON ASS 755 WHITE PLAINS RD BRONX, NY 10473	NY AIRS DEC Id: 2600700360	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

SEMS Superfund Enterprise Management System

Federal RCRA CORRACTS facilities list

CORRACTS Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-VSQG RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS Land Use Control Information System
US ENG CONTROLS Engineering Controls Sites List
US INST CONTROLS Institutional Controls Sites List

Federal ERNS list

ERNS Emergency Response Notification System

State- and tribal - equivalent CERCLIS

NY SHWS Inactive Hazardous Waste Disposal Sites in New York State

State and tribal leaking storage tank lists

INDIAN LUST Leaking Underground Storage Tanks on Indian Land
NY HIST LTANKS Listing of Leaking Storage Tanks

State and tribal registered storage tank lists

FEMA UST Underground Storage Tank Listing
NY CBS UST Chemical Bulk Storage Database
NY MOSF UST Major Oil Storage Facilities Database
NY CBS Chemical Bulk Storage Site Listing
NY MOSF Major Oil Storage Facility Site Listing
NY CBS AST Chemical Bulk Storage Database
NY MOSF AST Major Oil Storage Facilities Database
INDIAN UST Underground Storage Tanks on Indian Land
NY TANKS Storage Tank Faciliy Listing

State and tribal institutional control / engineering control registries

NY RES DECL Restrictive Declarations Listing
NY ENG CONTROLS Registry of Engineering Controls
NY INST CONTROL Registry of Institutional Controls

State and tribal voluntary cleanup sites

NY VCP Voluntary Cleanup Agreements

INDIAN VCP ---- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

NY BROWNFIELDS ---- Brownfields Site List
NY ERP ---- Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWRCY ---- Registered Recycling Facility List
NY SWTIRE ---- Registered Waste Tire Storage & Facility List
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
ODI ---- Open Dump Inventory
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---- Delisted National Clandestine Laboratory Register
NY DEL SHWS ---- Delisted Registry Sites
US CDL ---- National Clandestine Laboratory Register
NY PFAS ---- PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

NY HIST UST ---- Historical Petroleum Bulk Storage Database
NY HIST AST ---- Historical Petroleum Bulk Storage Database

Local Land Records

NY LIENS ---- Spill Liens Information
LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
NY Hist Spills ---- SPILLS Database
NY SPILLS 90 ---- SPILLS 90 data from FirstSearch
NY SPILLS 80 ---- SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List

EXECUTIVE SUMMARY

TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
UXO ---- Unexploded Ordnance Sites
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
NY COAL ASH ---- Coal Ash Disposal Site Listing
NY E DESIGNATION ---- E DESIGNATION SITE LISTING
NY HSWDS ---- Hazardous Substance Waste Disposal Site Inventory
NY SPDES ---- State Pollutant Discharge Elimination System
NY VAPOR REOPENED ---- Vapor Intrusion Legacy Site List
NY UIC ---- Underground Injection Control Wells
NY COOLING TOWERS ---- Registered Cooling Towers
MINES MRDS ---- Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS ---- Recovered Government Archive State Hazardous Waste Facilities List
NY RGA LF ---- Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/27/2020 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
STEVENSON COMMONS Site ID: 0204250 EPA Id: NYSFN0204250	CORNER OF WHITE PLAI	NE 0 - 1/8 (0.117 mi.)	G37	92

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/23/2020 has revealed that there are 3 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYC DEPT OF EDUCATIO EPA ID:: NY0000903567	***560 THERIOT AVE***	***S 1/8 - 1/4 (0.203 mi.)***	***T88***	***219***

Lower Elevation	Address	Direction / Distance	Map ID	Page
PS 182X SCHOOL	***601 STICKBALL BLVD***	***ESE 0 - 1/8 (0.100 mi.)***	***I24***	***70***

EPA ID:: NYR000206870

IS 131X SCHOOL	***885 BOLTON AVE***	***NNE 1/8 - 1/4 (0.162 mi.)***	***Q76***	***167***

EPA ID:: NYR000156745

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/23/2020 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYC DEPT OF EDUCATIO	***800 TAYLOR AVE***	***NW 0 - 1/8 (0.084 mi.)***	***F18***	***54***

EPA ID:: NYR000225631

Lower Elevation	Address	Direction / Distance	Map ID	Page
ADLAI STEVENSON HIGH	***1980 LAFAYETTE AVE***	***ENE 1/8 - 1/4 (0.125 mi.)***	***G43***	***100***

EPA ID:: NYR000021477

NYCHA - MONROE HOUSE	1779 STORY AVE	NW 1/8 - 1/4 (0.210 mi.)	V94	235

EPA ID:: NYR000239111

State and tribal landfill and/or solid waste disposal site lists

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 04/03/2020 has revealed that there is 1 NY SWF/LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ORGANIC RENEWAL LLC	***ORGANIC RECYCLING; I***	***SW 1/4 - 1/2 (0.387 mi.)***	***118***	***336***

State and tribal leaking storage tank lists

NY LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the NY LTANKS list, as provided by EDR, and dated 05/12/2020 has revealed that there are 35 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SACK WERN HOUSES -NY	***1810 LAFAYETTE AVE***	***WNW 0 - 1/8 (0.073 mi.)***	***D12***	***32***

Spill Number/Closed Date: 9701298 / 2002-07-22
Site ID: 234686
Spill Date: 1997-04-29

RESIDENCE	659 TAYLOR AVE	SW 0 - 1/8 (0.075 mi.)	E15	40
Spill Number/Closed Date: 1806889 / 2018-09-28 Site ID: 577631 Spill Date: 2018-09-28				
SACK WERN HOUSES -NY	740 BEACH AVE	W 0 - 1/8 (0.094 mi.)	H21	60
Spill Number/Closed Date: 9701350 / 2011-11-22 Site ID: 69663 Spill Date: 1997-04-30				
FUTURE ODYSSEY HOUSE	***705-715 SOUNDVIEW AV***	***WSW 1/8 - 1/4 (0.170 mi.)***	***S81***	***195***
Spill Number/Closed Date: 8808359 / 2003-03-04 Site ID: 152098 Spill Date: 1989-01-19				
RESIDENTIAL PROPERTY	727 COMMONWEALTH AVE	WSW 1/8 - 1/4 (0.217 mi.)	S97	250
Spill Number/Closed Date: 1202606 / 2017-07-18 Site ID: 465379 Spill Date: 2012-06-15				
1775 RANDALL AVENUE	1775 RANDALL AVENUE	SW 1/8 - 1/4 (0.229 mi.)	101	263
Spill Number/Closed Date: 9315219 / 1994-03-25 Site ID: 112539 Spill Date: 1994-03-25				
SACK WERN HOUSES -NY	710 NOBLE AVENUE	WSW 1/4 - 1/2 (0.295 mi.)	X106	269
Spill Number/Closed Date: 9707452 / 2002-08-16 Spill Number/Closed Date: 9701134 / 1997-09-25 Site ID: 190723 Site ID: 173896 Spill Date: 1997-09-24 Spill Date: 1997-04-25				
SPILL NUMBER 0107060	726 NOBLE AVE	WSW 1/4 - 1/2 (0.295 mi.)	X107	271
Spill Number/Closed Date: 0107060 / 2001-10-12 Site ID: 80880 Spill Date: 2001-10-08				
SOUNDVIEW HOUSES -NY	***1725 RANDALL AVE***	***SW 1/4 - 1/2 (0.305 mi.)***	***108***	***272***
Spill Number/Closed Date: 9314505 / 2006-01-10 Spill Number/Closed Date: 9107463 / 1995-04-27 Spill Number/Closed Date: 9314504 / 2006-02-03 Spill Number/Closed Date: 9411456 / 2005-12-29 Spill Number/Closed Date: 9707834 / 2003-03-07 Site ID: 318489 Site ID: 183018 Site ID: 183019 Site ID: 183020 Site ID: 183022 Spill Date: 1992-02-27 Spill Date: 1991-10-11 Spill Date: 1991-05-10 Spill Date: 1994-11-28 Spill Date: 1997-10-02				
SACK WERN HOUSING	***1710 LAFAYETTE AVE***	***W 1/4 - 1/2 (0.323 mi.)***	***109***	***283***
Spill Number/Closed Date: 9701004 / 1997-06-04				

Spill Number/Closed Date: 9702347 / 1997-09-24
Spill Number/Closed Date: 9707143 / 2002-07-22
Site ID: 93654
Site ID: 93655
Site ID: 103421
Spill Date: 1997-04-23
Spill Date: 1997-05-23
Spill Date: 1997-09-16

GETTY	***1895 BRUCKNER BLVD***	***N 1/4 - 1/2 (0.334 mi.)***	***Y110***	***288***

Spill Number/Closed Date: 9509844 / 2004-03-24
Site ID: 188807
Spill Date: 1995-11-08

GETTY#58616	***1895 BRUCKNER BOULVR***	***N 1/4 - 1/2 (0.334 mi.)***	***Y111***	***300***

Spill Number/Closed Date: 0701248 / 2007-05-04
Spill Number/Closed Date: 0603091 / 2006-10-13
Site ID: 380726
Site ID: 365723
Spill Date: 2007-04-30
Spill Date: 2006-06-20

1915 BRUCKNER BLVD	***1915 BRUCKNER BLVD***	***NNE 1/4 - 1/2 (0.352 mi.)***	***Z112***	***313***

Spill Number/Closed Date: 9311420 / 1995-01-11
Site ID: 79938
Spill Date: 1993-12-22

SACK WERN HOUSES	710 CROES AVE	WSW 1/4 - 1/2 (0.353 mi.)	AA113	325

Spill Number/Closed Date: 9700914 / 1997-09-24
Site ID: 179528
Spill Date: 1997-04-21

SACK WERN HOUSES -NY	710 CROES AV	WSW 1/4 - 1/2 (0.353 mi.)	AA114	326

Spill Number/Closed Date: 9707186 / 2002-08-16
Site ID: 211382
Spill Date: 1997-09-17

SACK WERN HOUSES	750 CROES AV	WSW 1/4 - 1/2 (0.353 mi.)	AA115	327

Spill Number/Closed Date: 9700973 / 1997-06-04
Site ID: 283095
Spill Date: 1997-04-22

SACK WERN HOUSES -NY	750 CROES AVE	WSW 1/4 - 1/2 (0.353 mi.)	AA116	329

Spill Number/Closed Date: 9702243 / 2002-08-16
Site ID: 72243
Spill Date: 1997-05-21

SHELL SERVICE STATIO	***1929 BRUCKNER BLVD***	***NNE 1/4 - 1/2 (0.369 mi.)***	***Z117***	***330***

Spill Number/Closed Date: 9605826 / 2002-07-11
Site ID: 161700
Spill Date: 1996-08-06

CLASON POINT -NYCHA	***1 CLASON PT LANE***	***W 1/4 - 1/2 (0.388 mi.)***	***119***	***337***

Spill Number/Closed Date: 9006794 / 2014-08-01
Site ID: 91321
Spill Date: 1990-09-20

FDNY ENGINE COMPANY	***1689 STORY AVE***	***WNW 1/4 - 1/2 (0.408 mi.)***	***AB120***	***342***

Spill Number/Closed Date: 9711068 / 2000-05-22
Site ID: 176252
Spill Date: 1998-01-02

43 PRECINCT NYC POLI	900 FTELEY AVE	WNW 1/4 - 1/2 (0.438 mi.)	AB121	349

Spill Number/Closed Date: 0201590 / 2002-05-15
Spill Number/Closed Date: 0012949 / 2010-01-06
Spill Number/Closed Date: 9111758 / 2005-06-23
Spill Number/Closed Date: 9213315 / 2003-10-31
Site ID: 238883
Site ID: 272894
Site ID: 272895
Site ID: 107907
Spill Date: 2002-05-13
Spill Date: 2001-03-09
Spill Date: 1992-02-14
Spill Date: 1993-03-02

CLASON PT GARDENS	***78 CLASON PT LANE***	***W 1/4 - 1/2 (0.442 mi.)***	***AC122***	***356***

Spill Number/Closed Date: 9007011 / 1995-04-25
Spill Number/Closed Date: 9112367 / 2014-07-31
Site ID: 234923
Site ID: 234924
Spill Date: 1990-09-26
Spill Date: 1992-03-04

STELLAR 2020 LLC	***2040 BRUCKNER BLVD***	***NE 1/4 - 1/2 (0.445 mi.)***	***123***	***362***

Spill Number/Closed Date: 0500903 / 2013-04-30
Site ID: 344003
Spill Date: 2005-04-21

2141 SEWARD AV	***2141 SEWARD AV***	***E 1/4 - 1/2 (0.454 mi.)***	***124***	***370***

Spill Number/Closed Date: 9614845 / 1997-03-25
Spill Number/Closed Date: 0012956 / 2001-04-10
Site ID: 238181
Site ID: 287067
Spill Date: 1997-03-25
Spill Date: 2001-03-09

CLASON POINT GARDENS	762 METCALF AVENUE	W 1/4 - 1/2 (0.455 mi.)	125	373

Spill Number/Closed Date: 9112366 / 1998-06-23
Spill Number/Closed Date: 9006793 / 1995-04-25
Site ID: 233211
Site ID: 300617
Spill Date: 1992-03-04
Spill Date: 1990-09-20

SPILL NUMBER 0312791	1880 WATSON AVE	N 1/4 - 1/2 (0.458 mi.)	126	376

Spill Number/Closed Date: 0312791 / 2004-09-17
Site ID: 221804
Spill Date: 2004-02-18

900 SETELEY	900 SETELEY	WNW 1/4 - 1/2 (0.466 mi.)	AC127	377

Spill Number/Closed Date: 9315220 / 1998-04-30
Site ID: 187917
Spill Date: 1994-03-25

1847 WATSON AVE	1847 WATSON AVE	NNW 1/4 - 1/2 (0.483 mi.)	128	378

Spill Number/Closed Date: 9514006 / 1996-02-02
Site ID: 208434
Spill Date: 1996-02-02

CLOVERLEAF TOWERS	***920 METCALF AV***	***WNW 1/4 - 1/2 (0.499 mi.)***	***129***	***379***

Spill Number/Closed Date: 0006424 / 2005-08-26
Site ID: 313111

Spill Date: 2000-08-30

Lower Elevation	Address	Direction / Distance	Map ID	Page
RESDIENTIAL - TTF	***820 THIERIOT AVENUE***	***NW 0 - 1/8 (0.035 mi.)***	***B8***	***23***
Spill Number/Closed Date: 0606279 / 2014-05-13 Site ID: 369602 Spill Date: 2006-08-31				
GRAND MANOR	700 WHITE PLAINS RD	E 0 - 1/8 (0.057 mi.)	C11	31
Spill Number/Closed Date: 0013484 / 2006-01-03 Site ID: 187107 Spill Date: 2001-03-26				
STEVENSON COMMON APT	755 WHITE PLAINS ROA	NE 0 - 1/8 (0.116 mi.)	G32	80
Spill Number/Closed Date: 8908381 / 1992-12-08 Spill Number/Closed Date: 0211744 / 2003-02-27 Site ID: 161247 Site ID: 142801 Spill Date: 1989-11-22 Spill Date: 2003-02-26				
LEELAND HOUSES	955 UNDERHILL AVENUE	N 1/8 - 1/4 (0.179 mi.)	P86	216
Spill Number/Closed Date: 8709685 / 2003-03-04 Site ID: 60666 Spill Date: 1988-02-16				
MONROE HOUSES	***1775 STORY AVE***	***NW 1/8 - 1/4 (0.215 mi.)***	***V96***	***241***
Spill Number/Closed Date: 9401208 / 2005-12-09 Spill Number/Closed Date: 9200746 / 1995-04-26 Spill Number/Closed Date: 9103848 / 2005-12-09 Site ID: 71907 Site ID: 141683 Site ID: 83305 Spill Date: 1994-04-25 Spill Date: 1992-04-20 Spill Date: 1991-07-10				
1896 BRUCKNER BLVD/B	1896 BRUCKNER BLVD	N 1/4 - 1/2 (0.262 mi.)	105	267
Spill Number/Closed Date: 8707987 / 1995-12-06 Site ID: 310678 Spill Date: 1987-12-15				

State and tribal registered storage tank lists

NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY UST list, as provided by EDR, has revealed that there are 11 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LAUD REALTY CORP	***652 SOUNDVIEW AVE***	***SW 0 - 1/8 (0.095 mi.)***	***E22***	***61***
Database: UST, Date of Government Version: 03/23/2020				
HOLY CROSS FRIARY	600 SOUNDVIEW AVENUE	S 1/8 - 1/4 (0.150 mi.)	M71	146
Database: UST, Date of Government Version: 03/23/2020				

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
715 SOUNDVIEW AVENUE Database: UST, Date of Government Version: 03/23/2020	715 SOUNDVIEW AVENUE	WSW 1/8 - 1/4 (0.170 mi.)	S80	185

Lower Elevation	Address	Direction / Distance	Map ID	Page
CAROL GARDENS Database: UST, Date of Government Version: 03/23/2020	820 THIERIOT AVENUE	NW 0 - 1/8 (0.035 mi.)	B9	26
GRAND MANOR NURSING Database: UST, Date of Government Version: 03/23/2020	700 WHITE PLAINS ROA	E 0 - 1/8 (0.057 mi.)	C10	29
STEVENSON COMMONS AS Database: UST, Date of Government Version: 03/23/2020	751-5 WHITE PLAINS R	NE 0 - 1/8 (0.116 mi.)	G27	75
CORNELL STATION Database: UST, Date of Government Version: 03/23/2020	1950 LAFAYETTE AVENU	ENE 0 - 1/8 (0.116 mi.)	G28	77
STEVENSON COMMONS AS Database: UST, Date of Government Version: 03/23/2020	755 WHITE PLAINS ROA	NE 0 - 1/8 (0.116 mi.)	G34	84
PARK LANE Database: UST, Date of Government Version: 03/23/2020	1965 LAFAYETTE AVENU	NE 1/8 - 1/4 (0.144 mi.)	L63	130
MONROE HOUSES Database: UST, Date of Government Version: 03/23/2020	1775 STORY AVENUE	NW 1/8 - 1/4 (0.215 mi.)	V95	237
STELLAR BRUCKNER LLC Database: UST, Date of Government Version: 03/23/2020	***950 UNDERHILL AVENUE***	***N 1/8 - 1/4 (0.218 mi.)***	***98***	***253***

NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the NY AST list, as provided by EDR, has revealed that there are 13 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SACKWERN HOUSES Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-473510	1810 LAFAYETTE AVENU	WNW 0 - 1/8 (0.073 mi.)	D13	36
NYC DEPT OF EDUCATIO Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-351911	***800 TAYLOR AVE***	***NW 0 - 1/8 (0.084 mi.)***	***F17***	***47***
SACKWERN HOUSES Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-473774	740 BEACH AVENUE	W 0 - 1/8 (0.094 mi.)	H20	57
LAUD REALTY CORP Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-247057	***652 SOUNDVIEW AVE***	***SW 0 - 1/8 (0.095 mi.)***	***E22***	***61***
HOLY CROSS SCHOOL Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-309656	1846 RANDALL AVENUE	S 1/8 - 1/4 (0.160 mi.)	O75	164
PUBLIC SCHOOL 69 - B Database: AST, Date of Government Version: 03/23/2020	560 THIERIOT AVENUE	S 1/8 - 1/4 (0.203 mi.)	T89	225

Facility Id: 2-606255

Lower Elevation	Address	Direction / Distance	Map ID	Page
ADLAI E. STEVENSON H	1980 LAFAYETTE AVENU	ENE 1/8 - 1/4 (0.125 mi.)	G44	104
Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-352632				
P.S 182 - BRONX X182	601 NEWMAN AVENUE	ESE 1/8 - 1/4 (0.128 mi.)	I46	108
Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-352470				
PARK LANE	1965 LAFAYETTE AVENU	NE 1/8 - 1/4 (0.144 mi.)	L64	132
Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-237639				
LELAND HOUSE	***945 UNDERHILL AVE***	***N 1/8 - 1/4 (0.153 mi.)***	***P72***	***148***
Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-272558				
IS 131 SCHOOL	***885 BOLTON AVE***	***NNE 1/8 - 1/4 (0.162 mi.)***	***Q77***	***170***
Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-352144				
KIPS BAY BOYS & GIRL	1930 RANDALL AVE	SE 1/8 - 1/4 (0.178 mi.)	85	213
Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-085456				
STELLAR BRUCKNER LLC	***950 UNDERHILL AVENUE***	***N 1/8 - 1/4 (0.218 mi.)***	***98***	***253***
Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-332615				

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 05/12/2020 has revealed that there are 15 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SEAWARD AV & LELAND	SEAWARD AV & LELAND	S 0 - 1/8 (0.016 mi.)	5	14
Spill Date: 1997-04-20 Spill Number/Closed Date: 9700863 / 2003-04-07 Site ID: 80063				
SACK WERN HOUSES -NY	***1810 LAFAYETTE AVE***	***WNW 0 - 1/8 (0.073 mi.)***	***D12***	***32***
Spill Date: 1997-09-19 Spill Date: 2019-12-07 Spill Number/Closed Date: 9707278 / 2006-03-08 Spill Number/Closed Date: 1908828 / 2019-12-09 Site ID: 234687				

Site ID: 599042

SACKWERN HOUSES -NYC Spill Date: 1998-05-22 Spill Number/Closed Date: 9802349 / 2007-01-26 Site ID: 251960	1810 LAFFAYETTE	WNW 0 - 1/8 (0.073 mi.)	D14	39
HOME Spill Date: 2016-01-25 Spill Number/Closed Date: 1511851 / 2019-10-11 Site ID: 524635	659 TAYLOR AVE	SW 0 - 1/8 (0.075 mi.)	E16	41
POLE 11056 Spill Date: 2003-07-28 Spill Number/Closed Date: 0304470 / 2003-08-27 Site ID: 321159	660 SOUNDVIEW AVE	SW 0 - 1/8 (0.104 mi.)	E25	72
733 BEACH AVE/BX Spill Date: 1988-11-19 Spill Number/Closed Date: 8806975 / 2003-03-04 Site ID: 318502	733 BEACH AVENUE	WSW 0 - 1/8 (0.106 mi.)	J26	74
3- FAMILY DWELLING Spill Date: 2008-02-14 Spill Number/Closed Date: 0712038 / 2008-03-05 Site ID: 393600	710 SOUNDVIEW AVE	WSW 0 - 1/8 (0.125 mi.)	J42	99

Lower Elevation	Address	Direction / Distance	Map ID	Page
CAROL GARDENS Spill Date: 2017-01-03 Spill Number/Closed Date: 1609215 / Not Reported Site ID: 537984	820 THIERIOT AVE	NW 0 - 1/8 (0.035 mi.)	B7	16
RESDIENTIAL - TTF Spill Date: 2009-02-24 Spill Number/Closed Date: 0812775 / 2009-03-02 Site ID: 410413	***820 THIERIOT AVENUE***	***NW 0 - 1/8 (0.035 mi.)***	***B8***	***23***
#4 FUEL SPILL FROM V Spill Date: 2013-09-25 Spill Number/Closed Date: 1306665 / 2013-09-30 Site ID: 487297	731 WHITE PLAINS ROA	ENE 0 - 1/8 (0.087 mi.)	G19	56
STEVENSON COMMONS Spill Date: 2016-04-06 Spill Number/Closed Date: 1600551 / 2016-04-27 Site ID: 525828	755 WHITE PLAINS RD	NE 0 - 1/8 (0.116 mi.)	G33	82
VAULT 4181 Spill Date: 2000-03-15 Spill Number/Closed Date: 9914168 / 2002-03-26 Site ID: 158986	WHITE PLAINS RD?LAFF	NE 0 - 1/8 (0.117 mi.)	G36	91
VAULT #5025 Spill Date: 1999-07-13 Spill Number/Closed Date: 9904344 / 1999-11-08 Site ID: 313467	LAFAYETTE/WHITE PLAI	NE 0 - 1/8 (0.117 mi.)	G38	93
VAULT 5025 Spill Date: 2004-12-29 Spill Number/Closed Date: 0410670 / 2005-04-08	LAFAYETTE AVE / WHIT	NE 0 - 1/8 (0.117 mi.)	G39	94

Site ID: 335700

LAFAYETTE AVE AND WHITE PLAINS RD LAFA NE 0 - 1/8 (0.117 mi.) G40 96
Spill Date: 1999-07-06
Spill Number/Closed Date: 9904100 / 2003-06-25
Site ID: 123086

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/23/2020 has revealed that there are 18 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REGAL CLEANERS EPA ID:: NYD982277428	***609 SOUNDVIEW AVE***	***SSW 1/8 - 1/4 (0.146 mi.)***	***M66***	***134***
CON EDISON EPA ID:: NYP004148094	581 UNDERHILL AVE	SSE 1/8 - 1/4 (0.166 mi.)	R79	184
CON EDISON MANHOLE: EPA ID:: NYP004512398	***LAFAYETTE AVE & SOUN***	***W 1/8 - 1/4 (0.205 mi.)***	***U91***	***229***
REDI CLEANERS EPA ID:: NYD042037622	***755 COMMONWEALTH AVE***	***W 1/8 - 1/4 (0.209 mi.)***	***U93***	***231***
SHELL SERVICE STATIO EPA ID:: NYD980784037	***801 SOUNVIEW AVE***	***W 1/8 - 1/4 (0.218 mi.)***	***U99***	***258***

Lower Elevation	Address	Direction / Distance	Map ID	Page
S & S CLEANERS EPA ID:: NYD084645274	***755 WHITE PLAINS ROA***	***NE 0 - 1/8 (0.116 mi.)***	***G35***	***87***
CON EDISON VAULT: 41 EPA ID:: NYP004429981	***WHITE PLAINS RD & LA***	***NE 0 - 1/8 (0.117 mi.)***	***G41***	***97***
CON EDISON EPA ID:: NYP004804084	TURNBULL AVE & WHITE	NE 1/8 - 1/4 (0.133 mi.)	K51	116
CON EDISON EPA ID:: NYP004804076	TURNBULL AVE & WHITE	NE 1/8 - 1/4 (0.133 mi.)	K55	121
CON EDISON MANHOLE 2 EPA ID:: NYP004150181	WHITE PLAINS RD & TU	NE 1/8 - 1/4 (0.133 mi.)	K57	123
CON EDISON EPA ID:: NYP004804100	TURNBULL AVE & WHITE	NE 1/8 - 1/4 (0.133 mi.)	K58	124
CON EDISON EPA ID:: NYP004802146	***TURNBULL AVE & WHITE***	***NE 1/8 - 1/4 (0.133 mi.)***	***K61***	***128***
CON EDISON EPA ID:: NYP004804092	TURNBULL AVE & WHITE	NE 1/8 - 1/4 (0.133 mi.)	K62	129
CON EDISON	877 TAYLOR AVE	NW 1/8 - 1/4 (0.147 mi.)	N68	142

EPA ID:: NYP004778189				
LELAND HOUSE EPA ID:: NY0000973362	***945 UNDERHILL AVE***	***N 1/8 - 1/4 (0.153 mi.)***	***P72***	***148***
CON EDISON EPA ID:: NYP004785358	TAYLOR AVE & STORY A	NNW 1/8 - 1/4 (0.176 mi.)	N83	211
CON ED - V 2437 EPA ID:: NYP004005369	***PUGSLEY AVE & SEWARD***	***E 1/8 - 1/4 (0.196 mi.)***	***87***	***217***
CON EDISON EPA ID:: NYP004802781	630 PUGSLEY AVE	ESE 1/8 - 1/4 (0.232 mi.)	W104	266

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the NY DRYCLEANERS list, as provided by EDR, and dated 07/12/2019 has revealed that there are 3 NY DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REGAL CLEANERS Facility Id: 2-6007-00248	609 SOUNDVIEW AVE.	SSW 1/8 - 1/4 (0.146 mi.)	M65	134
REDI CLEANERS Facility Id: 2-6007-00594	755 COMMONWEALTH AVE	W 1/8 - 1/4 (0.209 mi.)	U92	230

Lower Elevation	Address	Direction / Distance	Map ID	Page
S & S CLEANERS Facility Id: 2-6007-00238	755 WHITE PLAINS RD.	NE 0 - 1/8 (0.116 mi.)	G31	80

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there are 25 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID: NYP004709283	713 THIERIOT AV	SW 0 - 1/8 (0.020 mi.)	6	15
NYC DEPT OF EDUCATIO EPA ID: NYR000225631	***800 TAYLOR AVE***	***NW 0 - 1/8 (0.084 mi.)***	***F17***	***47***
REGAL CLEANERS EPA ID: NYD982277428	***609 SOUNDVIEW AVE***	***SSW 1/8 - 1/4 (0.146 mi.)***	***M66***	***134***
CON EDISON EPA ID: NYP004615746	FO 600 THIERIOT AVE	S 1/8 - 1/4 (0.147 mi.)	O70	144
CON EDISON EPA ID: NYP004628665	THIERIOT & RANDALL A	S 1/8 - 1/4 (0.157 mi.)	O73	161
CON EDISON EPA ID: NYP004630117	THERIOT AVE & RANDAL	S 1/8 - 1/4 (0.157 mi.)	O74	162
CONSOLIDATED EDISON	581 UNDERHILL AVE	SSE 1/8 - 1/4 (0.166 mi.)	R78	183

EPA ID: NYP004148094				
NYC DEPT OF EDUCATIO EPA ID: NY0000903567	***560 THERIOT AVE***	***S 1/8 - 1/4 (0.203 mi.)***	***T88***	***219***
CON EDISON EPA ID: NYP004512398	LAFAYETTE AVE & SOUN	W 1/8 - 1/4 (0.205 mi.)	U90	228
REDI CLEANERS EPA ID: NYD042037622	***755 COMMONWEALTH AVE***	***W 1/8 - 1/4 (0.209 mi.)***	***U93***	***231***
CONSOLIDATED EDISON EPA ID: NYP004101424	***780 PUGSLEY AVE***	***ENE 1/8 - 1/4 (0.229 mi.)***	***100***	***260***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYC DEPT OF EDUCATIO EPA ID: NYR000206870	***601 STICKBALL BLVD***	***ESE 0 - 1/8 (0.100 mi.)***	***I23***	***66***
S & S CLEANERS EPA ID: NYD084645274	***755 WHITE PLAINS ROA***	***NE 0 - 1/8 (0.116 mi.)***	***G35***	***87***
CON EDISON VAULT: 41 EPA ID: NYP004429981	***WHITE PLAINS RD & LA***	***NE 0 - 1/8 (0.117 mi.)***	***G41***	***97***
ADLAI STEVENSON HIGH EPA ID: NYR000021477	***1980 LAFAYETTE AVE***	***ENE 1/8 - 1/4 (0.125 mi.)***	***G43***	***100***
CON ED EPA ID: NYP004804092	TURNBULL AVE & WHITE	NE 1/8 - 1/4 (0.133 mi.)	K47	111
CON EDISON EPA ID: NYP004804076	TURNBULL AVE & WHITE	NE 1/8 - 1/4 (0.133 mi.)	K48	112
CON ED EPA ID: NYP004804084	TURNBULL AVE & WHITE	NE 1/8 - 1/4 (0.133 mi.)	K52	117
CON EDISON EPA ID: NYP004802146	WHITEPLAIN RD & TURN	NE 1/8 - 1/4 (0.133 mi.)	K54	120
CON ED EPA ID: NYP004804100	TURNBULL AVE & WHITE	NE 1/8 - 1/4 (0.133 mi.)	K60	126
CON EDISON EPA ID: NYP004778189	877 TAYLOR AVE	NW 1/8 - 1/4 (0.147 mi.)	N69	143
IS 131X SCHOOL EPA ID: NYR000156745	***885 BOLTON AVE***	***NNE 1/8 - 1/4 (0.162 mi.)***	***Q76***	***167***
CON EDISON EPA ID: NYP004785358	TAYLOR AVE & STORY A	NNW 1/8 - 1/4 (0.176 mi.)	N82	210
CON ED - V 2437 EPA ID: NYP004005369	***PUGSLEY AVE & SEWARD***	***E 1/8 - 1/4 (0.196 mi.)***	***87***	***217***
CON EDISON EPA ID: NYP004802781	630 PUGSLEY AVE	ESE 1/8 - 1/4 (0.232 mi.)	W103	265

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there are 9 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYC DEPT OF ED - ADL	1980 LAFAYETTE AVE	ENE 1/8 - 1/4 (0.125 mi.)	G45	107

EPA Id: NYR000021477				
CON EDISON EPA Id: NYP004804100	TURNBULL AVE & WHITE	NE 1/8 - 1/4 (0.133 mi.)	K49	114
CON EDISON EPA Id: NYP004804092	TURNBULL AVE & WHITE	NE 1/8 - 1/4 (0.133 mi.)	K50	115
CON EDISON EPA Id: NYP004804084	TURNBULL AVE & WHITE	NE 1/8 - 1/4 (0.133 mi.)	K53	119
CON EDISON EPA Id: NYP004802146	WHITEPLAIN RD & TURN	NE 1/8 - 1/4 (0.133 mi.)	K56	122
CON EDISON EPA Id: NYP004804076	TURNBULL AVE & WHITE	NE 1/8 - 1/4 (0.133 mi.)	K59	125
CON EDISON EPA Id: NYP004778189	877 TAYLOR AVE	NW 1/8 - 1/4 (0.147 mi.)	N67	141
CON EDISON EPA Id: NYP004785358	TAYLOR AVE & STORY A	NNW 1/8 - 1/4 (0.176 mi.)	N84	212
CON EDISON EPA Id: NYP004802781	630 PUGSLEY AVE	ESE 1/8 - 1/4 (0.232 mi.)	W102	264

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SN CORP	755 WHITE PLAINS RD	NE 0 - 1/8 (0.116 mi.)	G30	79

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist

EXECUTIVE SUMMARY

Cleaner site within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
S & S CLEANERS	755 WHITE PLAINS RD	NE 0 - 1/8 (0.116 mi.)	G29	79

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 13 records.

Site Name	Database(s)
CE - ZEREGA AVE. STATION	NY SHWS
HUTCH PKWY AND BRUCKNER EXPWY	NY SWF/LF
WHITE PLAINS ROAD	NY SWF/LF
BRONX RIVER PARK	NY SWF/LF
EAST 145TH STREET AND EAST RIVER	NY SWF/LF
SOUNDVIEW PARK	NY SWF/LF
RANDALL AVE AND ZEREGA AVE/WESTCHE	NY SWF/LF
FORT SCHUYLER PARK AREA	NY SWF/LF
SOUTHERN BLVD. AND LONGWOOD AVE.	NY SWF/LF
SOUNDVIEW PARK BY COLGATE AVE	NY SWF/LF
ZEREGA AVE, CROSS BRONX EXPWY, WES	NY SWF/LF
SOUNDVIEW AVE	NY SWF/LF
CE - ZEREGA AVE. STATION	NY VCP

OVERVIEW MAP - 6143661.2S

0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Stevenson Commons ADDRESS: 1850 Lafayette Ave Bronx NY 10473 LAT/LONG: 40.820547 / 73.860902	CLIENT: Impact Environmental CONTACT: Jason Scalora INQUIRY #: 6143661.2s DATE: August 04, 2020 1:13 pm

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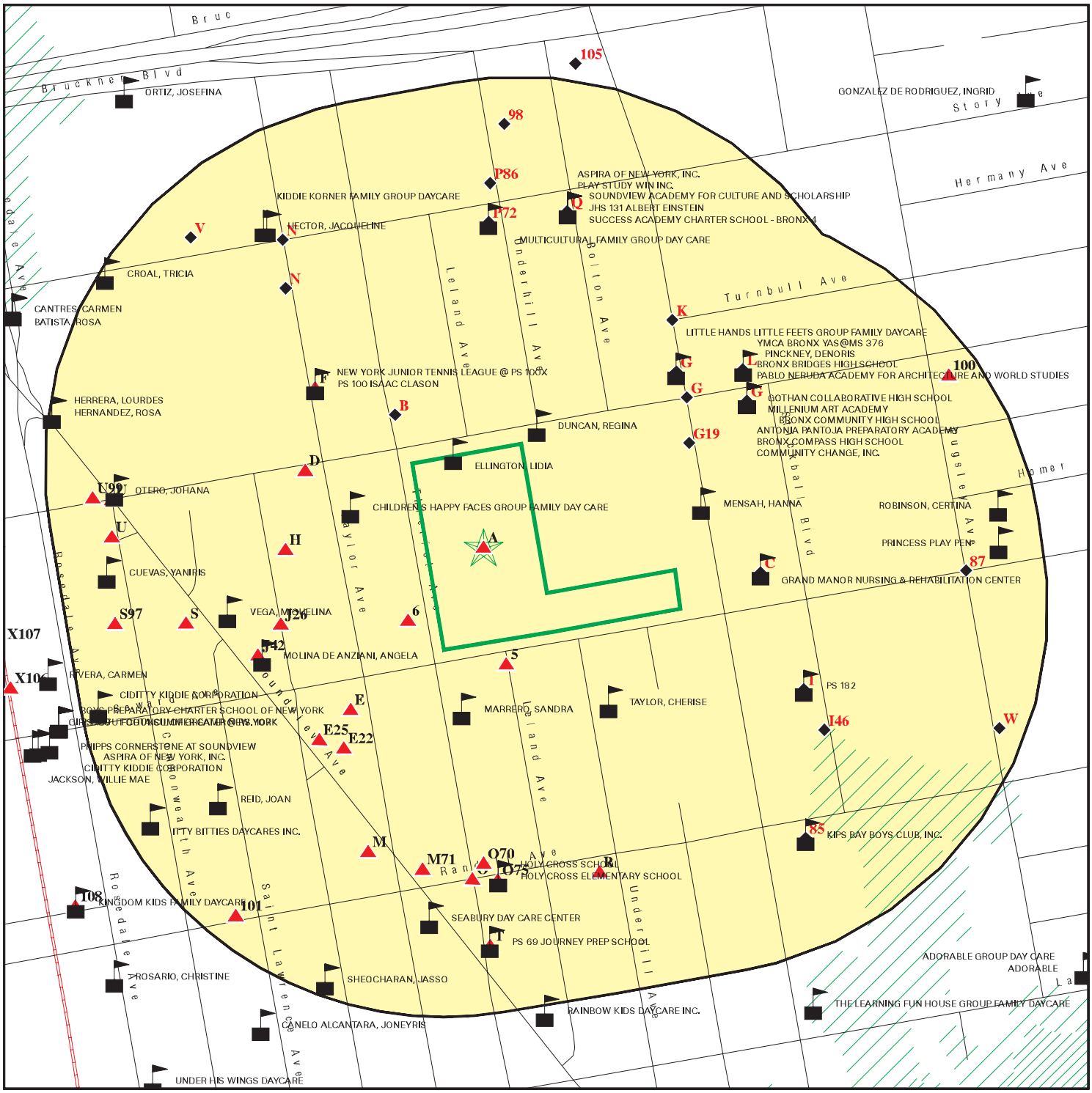
DETAIL MAP - 6143661.2S


Bruckner Blvd
Bruc
Story Ave
Hermany Ave
Turnbull Ave
Homer
Leland Ave
Underhill Ave
Bolton Ave
Taylor Ave
Rosedale Ave
Roosevelt Ave
Saint Lawrence Ave
Underhill Ave
Randall Ave
Seward Park Ave
Bronx River Pkwy
Soundview Ave
Soundview Ave
Rosedale Ave
Rosedale Ave
Rosedale

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		1	0	0	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	2	NR	NR	NR	3
RCRA-SQG	0.250		1	2	NR	NR	NR	3
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
NY SHWS	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500		0	0	1	NR	NR	1
State and tribal leaking storage tank lists								
INDIAN LUST	0.500		0	0	0	NR	NR	0
NY LTANKS	0.500		6	5	24	NR	NR	35
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY UST	0.250	1	6	5	NR	NR	NR	12
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY CBS	0.250		0	0	NR	NR	NR	0
NY MOSF	0.500		0	0	0	NR	NR	0
NY AST	0.250		4	9	NR	NR	NR	13
NY CBS AST	0.250		0	0	NR	NR	NR	0
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	0	0	NR	NR	0
NY INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY BROWNFIELDS	0.500		0	0	0	NR	NR	0
NY ERP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWRCY	0.500		0	0	0	NR	NR	0
NY SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
NY PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		0	0	NR	NR	NR	0
NY HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		15	NR	NR	NR	NR	15
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	16	NR	NR	NR	18
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP	1	NR	NR	NR	NR	NR	1
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
ECHO	TP	1	NR	NR	NR	NR	NR	1
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
NY AIRS	TP	1	NR	NR	NR	NR	NR	1
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		1	2	NR	NR	NR	3
NY E DESIGNATION	0.125		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	0	NR	NR	0
NY MANIFEST	0.250		5	20	NR	NR	NR	25
NJ MANIFEST	0.250		0	9	NR	NR	NR	9
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY VAPOR REOPENED	0.500		0	0	0	NR	NR	0
NY UIC	TP		NR	NR	NR	NR	NR	0
NY COOLING TOWERS	TP		NR	NR	NR	NR	NR	0
NY LEAD	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	TP		NR	NR	NR	NR	NR	0
NY RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		5	44	70	25	0	0	144

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **STEVENSON COMMONS** **FINDS** **1016314496**
Target **1850 LAFAYETTE AVENUE** **ECHO** **N/A**
Property **BRONX, NY 10473**

Site 1 of 4 in cluster A

Actual: **16 ft.**

FINDS:
Registry ID: 110019156367

Click Here:

Environmental Interest/Information System:
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
AIR SYNTHETIC MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016314496
Registry ID:	110019156367
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110019156367
Name:	STEVENSON COMMONS
Address:	1850 LAFAYETTE AVENUE
City,State,Zip:	BRONX, NY 10473

A2 **STEVENSON COMMONS** **US AIRS** **1007753238**
Target **1850 LAFAYETTE AVENUE** **N/A**
Property **NEW YORK, NY 10473**

Site 2 of 4 in cluster A

Actual: **16 ft.**

US AIRS (AFS):

Envid:	1007753238
Region Code:	02
County Code:	NY005
Programmatic ID:	AIR NY0000002600700350
Facility Registry ID:	110019156367
D and B Number:	Not reported
Facility Site Name:	STEVENSON COMMONS
Primary SIC Code:	6513
NAICS Code:	531110
Default Air Classification Code:	SMI
Facility Type of Ownership Code:	POF
Air CMS Category Code:	Not reported
HPV Status:	Not reported

A3 Target Property **STEVENSON COMMONS ASSOC.**
1850 LAFAYETTE AVENUE
BRONX, NY 10473

NY UST **U001834590**
N/A

Site 3 of 4 in cluster A

Actual: 16 ft.

UST:

Name:	STEVENSON COMMONS ASSOC.
Address:	1850 LAFAYETTE AVENUE
City,State,Zip:	BRONX, NY 10473
Id/Status:	2-296368 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	596151.23450
UTM Y:	4519453.57683
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	13642
Affiliation Type:	Facility Owner
Company Name:	STEVENSON COMMONS ASSOC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	755 WHITE PLAINS RD.
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10473
Country Code:	001
Phone:	(718) 589-1900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2012-09-18

Site Id:	13642
Affiliation Type:	Mail Contact
Company Name:	GRENADIER REALTY CORP
Contact Type:	Not reported
Contact Name:	JOHN MULHOLLAND A/A/F
Address1:	155 ELMIRA LOOP
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11239
Country Code:	001
Phone:	(718) 240-4664
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	2007-05-17

Site Id:	13642
Affiliation Type:	Facility Operator
Company Name:	STEVENSON COMMONS ASSOC.
Contact Type:	Not reported
Contact Name:	GRENADIER REALTY CORP
Address1:	Not reported

STEVENSON COMMONS ASSOC. (Continued) **U001834590**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 589-1900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	2007-05-17

Site Id:	13642
Affiliation Type:	Emergency Contact
Company Name:	STEVENSON COMMONS ASSOC
Contact Type:	Not reported
Contact Name:	GILBERT LOPEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 209-9964
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	2007-05-17

Tank Info:

Tank Number:	001
Tank ID:	12157
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	20000
Install Date:	12/01/1975
Date Tank Closed:	09/10/2012
Registered:	True
Tank Location:	Underground
Tank Type:	Concrete
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

A01 - Tank Internal Protection - Epoxy Liner
B04 - Tank External Protection - Fiberglass
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating

STEVENSON COMMONS ASSOC. (Continued) **U001834590**

F01 - Pipe External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
I05 - Overfill - Vent Whistle
D02 - Pipe Type - Galvanized Steel
G01 - Tank Secondary Containment - Diking (Aboveground)

A4 **STEVENSON COMMON ASSOCIATES** **NY AIRS** **S122375730**
Target **755 WHITE PLAINS RD 1850 LAFAYETTE AVE** **N/A**
Property **BRONX, NY 10473**

Site 4 of 4 in cluster A

Actual:
16 ft.

AIRS:

Name:	STEVENSON COMMON ASSOCIATES
Address:	755 WHITE PLAINS RD 1850 LAFAYETTE AVE
City:	BRONX
Permit Type:	AFR
Permit Status:	Issued
Issue Date:	02/25/2016
Expiration Date:	02/24/2026
County Fips:	Not reported
DEC Id:	2600700360
Emission Unit Id:	Not reported
Process Id:	Not reported
Contaminant Name/cas:	Not reported
Epa Control Code:	Not reported
Contol Eff:	Not reported
Emissions:	Not reported
Unit:	Not reported
Auth Type Code:	2
Latitude:	Not reported
Longitude:	Not reported

Name:	STEVENSON COMMON ASSOCIATES
Address:	755 WHITE PLAINS RD 1850 LAFAYETTE AVE
City:	BRONX
Permit Type:	ASF
Permit Status:	Expired
Issue Date:	01/13/2012
Expiration Date:	04/16/2013
County Fips:	Not reported
DEC Id:	2600700360
Emission Unit Id:	Not reported
Process Id:	Not reported
Contaminant Name/cas:	Not reported
Epa Control Code:	Not reported
Contol Eff:	Not reported
Emissions:	Not reported
Unit:	Not reported
Auth Type Code:	7
Latitude:	40.820885179
Longitude:	73.859238211

Name:	STEVENSON COMMON ASSOCIATES
Address:	755 WHITE PLAINS RD 1850 LAFAYETTE AVE
City:	BRONX
Permit Type:	ASF
Permit Status:	Expired

STEVENSON COMMON ASSOCIATES (Continued) **S122375730**

Issue Date:	04/18/2013
Expiration Date:	02/25/2016
County Fips:	Not reported
DEC Id:	2600700360
Emission Unit Id:	Not reported
Process Id:	Not reported
Contaminant Name/cas:	Not reported
Epa Control Code:	Not reported
Contol Eff:	Not reported
Emissions:	Not reported
Unit:	Not reported
Auth Type Code:	7
Latitude:	40.820885179
Longitude:	73.859238211

Name:	STEVENSON COMMON ASSOCIATES
Address:	755 WHITE PLAINS RD 1850 LAFAYETTE AVE
City:	BRONX
Permit Type:	ASF
Permit Status:	Expired
Issue Date:	04/20/1999
Expiration Date:	04/16/2013
County Fips:	Not reported
DEC Id:	2600700360
Emission Unit Id:	Not reported
Process Id:	Not reported
Contaminant Name/cas:	Not reported
Epa Control Code:	Not reported
Contol Eff:	Not reported
Emissions:	Not reported
Unit:	Not reported
Auth Type Code:	7
Latitude:	40.820885179
Longitude:	73.859238211

Name:	STEVENSON COMMON ASSOCIATES
Address:	755 WHITE PLAINS RD 1850 LAFAYETTE AVE
City:	BRONX
Permit Type:	ASF
Permit Status:	Expired
Issue Date:	06/12/2009
Expiration Date:	04/16/2013
County Fips:	Not reported
DEC Id:	2600700360
Emission Unit Id:	Not reported
Process Id:	Not reported
Contaminant Name/cas:	Not reported
Epa Control Code:	Not reported
Contol Eff:	Not reported
Emissions:	Not reported
Unit:	Not reported
Auth Type Code:	7
Latitude:	40.820885179
Longitude:	73.859238211

Name:	STEVENSON COMMON ASSOCIATES
Address:	755 WHITE PLAINS RD 1850 LAFAYETTE AVE

STEVENSON COMMON ASSOCIATES (Continued) **S122375730**

City:	BRONX
Permit Type:	ASF
Permit Status:	Expired
Issue Date:	02/25/2016
Expiration Date:	Not reported
County Fips:	Not reported
DEC Id:	2600700360
Emission Unit Id:	Not reported
Process Id:	Not reported
Contaminant Name/cas:	Not reported
Epa Control Code:	Not reported
Contol Eff:	Not reported
Emissions:	Not reported
Unit:	Not reported
Auth Type Code:	7
Latitude:	40.820885179
Longitude:	73.859238211

Name:	STEVENSON COMMON ASSOCIATES
Address:	755 WHITE PLAINS RD 1850 LAFAYETTE AVE
City:	BRONX
Permit Type:	ASF
Permit Status:	Expired
Issue Date:	04/16/2013
Expiration Date:	Not reported
County Fips:	Not reported
DEC Id:	2600700360
Emission Unit Id:	Not reported
Process Id:	Not reported
Contaminant Name/cas:	Not reported
Epa Control Code:	Not reported
Contol Eff:	Not reported
Emissions:	Not reported
Unit:	Not reported
Auth Type Code:	7
Latitude:	40.820885179
Longitude:	73.859238211

Name:	STEVENSON COMMON ASSOCIATES
Address:	755 WHITE PLAINS RD 1850 LAFAYETTE AVE
City:	BRONX
Permit Type:	ASF
Permit Status:	Expired
Issue Date:	08/30/2004
Expiration Date:	04/16/2013
County Fips:	Not reported
DEC Id:	2600700360
Emission Unit Id:	Not reported
Process Id:	Not reported
Contaminant Name/cas:	Not reported
Epa Control Code:	Not reported
Contol Eff:	Not reported
Emissions:	Not reported
Unit:	Not reported
Auth Type Code:	7
Latitude:	40.820885179
Longitude:	73.859238211

5
South
< 1/8
0.016 mi.
84 ft.

SEAWARD AV & LELAND AV
SEAWARD AV & LELAND AV
BRONX, NY

NY Spills **S102560602**
N/A

Relative:
Higher

Actual:
17 ft.

SPILLS:

Name:	SEAWARD AV & LELAND AV
Address:	SEAWARD AV & LELAND AV
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9700863 / 2003-04-07
Facility ID:	9700863
Facility Type:	ER
DER Facility ID:	74243
Site ID:	80063
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	0301
Spill Date:	1997-04-20
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	1997-04-20
CID:	266
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-04-20
Spill Record Last Update:	2003-04-07
Spiller Name:	LISA PRIMEGGIA
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT e2mis 106525 #9 OH Trouble shooter M.Alousia #4872 .Was setting up for switch on feeder 7x80 when the hose let go. The quantity of oil is undetermind at this time. we do not know what the holding capacity of the tank is.Transportation was called to assist , because the bucket would not come down.Clean up is still uder way. Up date As of 11:05:00 hours #9 Superviser R.Nevins #68763 Reports the lates estimate on the amount of hydraulic fluid spilled is 1 gal. The mechanic who is making repairs on the vehicle will be able to give an exact amount of oil spilled when he adds oil .Clean up complete truck is being brought into Van Nest . At 12:20 hours Auto Mechanic B.Lindsay #16770 reports he added 4 gal. of fluid to the tank. The total amount spilled was 4 gal. Correction to Involved Roles"
Remarks:	"BROKEN HYDRAULIC LINE ON BUCKET TRUCK. ONTO BLACKTOP. BEING CLEANED UP."

All Materials:

Site ID:	80063
Operable Unit ID:	1047101
Operable Unit:	01

SEAWARD AV & LELAND AV (Continued) **S102560602**

Material ID:	337433
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	19.00
Units:	G
Recovered:	19.00
Oxygenate:	Not reported

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6 **CON EDISON** **NY MANIFEST** **S117538269**
SW **713 THIERIOT AV** **N/A**
< 1/8 **BRONX, NY 10473**
0.020 mi.
106 ft.

Relative:
Higher

Actual:
18 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	713 THIERIOT AV
City,State,Zip:	BRONX, NY 10473
Country:	USA
EPA ID:	NYP004709283
Facility Status:	Not reported
Location Address 1:	713 THIERIOT AV
Code:	BP
Location Address 2:	SB32047
Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	10473
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004709283
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	12/22/2014
Trans1 Recv Date:	12/22/2014
Trans2 Recv Date:	12/29/2014
TSD Site Recv Date:	12/29/2014
Part A Recv Date:	Not reported

CON EDISON (Continued) **S117538269**

Part B Recv Date:	Not reported
Generator EPA ID:	NYP004709283
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002564737GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

B7 **CAROL GARDENS** **NY Spills** **S119029172**
NW **820 THIERIOT AVE** **N/A**
< 1/8 **BRONX, NY**
0.035 mi.
186 ft. **Site 1 of 3 in cluster B**

Relative: SPILLS:
Lower

Actual: Name:	CAROL GARDENS
15 ft. Address:	820 THIERIOT AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	1609215 / Not Reported
Facility ID:	1609215
Facility Type:	ER
DER Facility ID:	359645
Site ID:	537984
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	0301
Spill Date:	2017-01-03

CAROL GARDENS (Continued) **S119029172**

Investigator:	RHLIN
Referred To:	Not reported
Reported to Dept:	2017-01-04
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	2017-01-04
Spill Record Last Update:	2019-08-05
Spiller Name:	Not reported
Spiller Company:	OWNER
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	ERIKA JOHNSTON
DEC Memo:	"1/4/2017 - Feng - Duty Desk. PBS 2-238120 Two (2) 15,000-gallon underground #6 oil tanks, in service. Owner: Carol Gardens Associates 1230 Pennsylvania Ave, Brooklyn, NY 11239 718-642-8700 Mail correspondent: Grenadier Realty Corp 155 Elmira Loop, Brooklyn, NY 11239 John Mulholland 718-240-4664 Spoke to Ericka Johnston of Hydro Tech Environmental (Ph:631-462-5866 Cell:631-464-1444). Hydro Tech was hired to do Phase 1 and they found 2 underground tanks. The owner told them that these two tanks, 15,000-gallon, are manifold together. One is full and one is empty. The 2 buildings are using gas for heating since 2007. These two tanks with oil are only for backup. A phase 2 was done then to further investigate these 2 tanks. They did a GPR survey and soil probes and found product in the soil, #6 oil. Hydro Tech then installed a 1-inch temporary well and found product yesterday, the product thickness is unknown yet. They will install 6 more 4-inch wells to delineate the extent of the product, starting today. The tanks are located outside the building, so there is no problem installing the monitoring wells. The owner has been informed already and is aware of the monitoring wells installation plan. No complaint of any vapor in the building so far. DEC required the two tanks to be out of service, to be tightness tested and to identify the location of the leaking if that's still continued. DEC also required the boring logs, PID reading and photos to be sent in the in meantime before the formal reports. Hydro Tech said the formal report to be ready in a week. Discussed with J. Vought, spill is assigned to Pratik Lakhani for further investigation and remediation. sent CSL to John Mulholland of Grenadier Realty Corp and copied HydroTech Erika Johnston. Investigation report to be due by 2/2017. 01/04/17 - Lakhani Alternate addresses for the property include: 1841 Lafayette Avenue and; 800-820 Thieriot Avenue There are two (2) more additional spills (0812775, 0606279) on the property at the address: 820 Thieriot Ave. Bronx, NY 10473 As per Google Maps, there is a school to the west of the property and to the east is a residential complex. File Review: Technical Report (Eastmond & Sons - N. Tomasetti, 2/12/13) - Oil had spilled out of the vent pipe of tank #2. The oil travelled along the grassy area to the walkway area down grade from the vent pipes located at the northwest corner of the building. Inspection of the cross over pipe found it to be clogged with lumps

CAROL GARDENS (Continued) **S119029172**

of coagulated #6 fuel oil, which prevented oil to flow between the two tanks. Eight (8) soil samples were taken and tested according to 8260/8270 methods. All samples were non detect for VOCs, however SVOCs were detected in all samples. Tank Tightness Test Report (Eastmond & Sons - N. Tomasetti, 5/13/14) - Both 15,000 gallon #6 fuel oil USTs passed tightness testing. Tank #002 passed on 5/8/14. Tank #001 and system passed on 4/10/13. 04:28 PM: Called Erika Johnston and she said she would send the PID readings, boring logs, and photos. She also informed that the PM for the project is Adriana Zepata. 01/05/17 - Lakhani 11:22 AM: Called Erika but she was in the field. Was given the Adriana's contact information (Ph:718-636-0800, Cell:631-464-1684). She did not have the information but would reach out to Erika to send it. 01/10/17 - Lakhani 11:30 AM: Called Erica and she will be sending preliminary documents. They will be conducting a tank tightness test on the tanks and include that in the documents. 01/12/17 - Lakhani Erica sent site related documents on 01/11/17. All uploaded to D2. File review is as follows: Soil Logs (Hydro Tech Environmental, Corp., 12/28-29/16) - Thirteen (13) soil borings were installed. For the SP-1 boring, PID readings were 8ppm, 480ppm, and 556ppm for depths of 8', 10', and 12' below grade, respectively. For the SP-2 boring, PID readings were 10ppm, 340ppm, and 560ppm for depths of 8', 10', and 12' below grade, respectively. For the SP-3 boring, PID readings were 2ppm, 32ppm, 450ppm, and 420ppm for depths of 6', 8', 10', and 12' below grade, respectively. For the SP-4 boring, PID readings were 50ppm and 122ppm for depths of 8' and 10' below grade, respectively. For the SP-5 boring, PID readings were 65ppm, 456ppm, and 512ppm for depths of 6', 8', and 10' below grade, respectively. For the SP-6 boring, PID readings were 35ppm, 480ppm, and 487ppm for depths of 6', 8', and 10' below grade, respectively. For the SP-7 boring, PID readings were 380ppm and 492ppm for depths of 8' and 10' below grade, respectively. For the SP-8 boring, PID readings were 11ppm, 360ppm, and 552ppm for depths of 6', 8', and 10' below grade, respectively. For the SP-9 boring, PID readings were 301ppm and 412ppm for depths of 8' and 10' below grade, respectively. For the SP-10 boring, PID readings were 260ppm, 310ppm, and 312ppm for depths of 8', 10', and 12' below grade, respectively. For the SP-11 boring, PID readings were 200ppm and 280ppm for depths of 8' and 10' below grade, respectively. For the SP-12 boring, PID readings were 180ppm and 201ppm for depths of 8' and 10' below grade, respectively. For the SP-13 boring, PID readings were 192ppm and 198ppm for depths of 8' and 10' below grade, respectively. Strong petroleum odors were observed in all borings at 10'bg. In some borings, traces of oil were observed at 10'bg. Soil samples were taken at last 2' at each boring and analyzed: xylenes 381 ppb(SP-1, 12'-14'bg), MTBE 140 ppb(SP-1, 12'-14'bg), acetone 250 ppb(SP-1, 12'-14'bg), acetone 120 ppb(SP-2, 12'-14'bg), xylenes 680 ppb(SP-3, 10'-12'bg), MTBE 340 ppb(SP-3, 10'-12'bg), acetone 480 ppb(SP-3, 10'-12'bg), benzene 150 ppb(SP-5, 10'-12'bg), ethylbenzene 1800 ppb(SP-5, 10'-12'bg), xylenes 13000 ppb(SP-5, 10'-12'bg), MTBE 680 ppb(SP-5, 10'-12'bg), acetone 860 ppb(SP-5, 10'-12'bg), naphthalene 52000 ppb(SP-5, 10'-12'bg), 1,3,5 trimethylbenzene 8400 ppb(SP-5, 10'-12'bg), 1,2,4 trimethylbenzene 32000 ppb(SP-5, 10'-12'bg), 1,2,4 trimethylbenzene 9100 ppb(SP-6, 10'-12'bg), naphthalene 16000 ppb(SP-6, 10'-12'bg), acetone 480 ppb(SP-6, 10'-12'bg), xylenes 1170 ppb(SP-6, 10'-12'bg), MTBE 360 ppb(SP-6, 10'-12'bg), MTBE 220 ppb(SP-7, 10'-12'bg), acetone 300 ppb(SP-7, 10'-12'bg), 1,2,4 trimethylbenzene 5300 ppb(SP-7, 10'-12'bg), acetone

CAROL GARDENS (Continued) **S119029172**

240 ppb(SP-8, 10'-12'bg), xylenes 280 ppb(SP-8, 10'-12'bg), MTBE 140 ppb(SP-8, 10'-12'bg), benzene 70 ppb(SP-8, 10'-12'bg), acetone 80 ppb(SP-9, 10'-12'bg), acetone 440 ppb(SP-10, 12'-14'bg), acetone 90 ppb(SP-11, 10'-12'bg), benzene 960 ppb(SP-12, 10'-12'bg), toluene 1400 ppb(SP-12, 10'-12'bg), xylenes 3800 ppb(SP-12, 10'-12'bg), MTBE 1900 ppb(SP-12, 10'-12'bg), acetone 81 ppb(SP-12, 10'-12'bg), 1,2,4 trimethylbenzene 4800 ppb(SP-12, 10'-12'bg), acetone 82 ppb(SP-13, 10'-12'bg). Monitoring Well Log Sheet (Hydro Tech) - Six (6) monitoring wells were installed. Product thickness is as follows: MW-1 and 0.30', MW-2 and 0.25', MW-3 and 0.10', MW-4 and 0.05', MW-5 and 0.10', and MW-6 and 0.10'. Depth to water ranges from 8.55'bg to 11.20'bg. 01/12/17 - Lakhani 02:06 PM: Called Adriana to discuss the analyticals Erica sent. She is unsure about what the product is. She said that it seemed like #2 fuel oil when inspecting the tank, but it seems as if it is #6 fuel oil when inspecting the monitoring wells. The free product found on the wells was described as thick and black. Hydro Tech will be doing finger print testing to determine what the product spilled is on 01/16/17. They have no groundwater data since they could not sample due to the free product thickness in the wells. Adriana says that the school across the street (800 Taylor Ave.) has tanks as well. PBS registration for the school confirms that the school has two (2) 7500 gallon #2 fuel oil ASTs, in service. Reviewed the letter that was sent to both her and the property owner. DEC requires complete delineation and groundwater direction, confirmation of interim remedial method, a PID survey of indoor air in the building, and a submission of a surrounding area site plan. Letter was sent to the property owner via U.S. Mail and emailed to Adriana and Erica. Letter uploaded to D2. Adriana emailed to confirm that the groundwater flow direction was confirmed with data from the wells. 01/26/17 - Lakhani 04:02 PM: Spoke to Rick Leland (2128803800) who is the attorney, from Ackerman LLP, representing the property owner. They are currently accepting bids for the work on the property as they are unsure with whether they want to continue with Hydro Tech. 02/17/17 - Lakhani 01:35 PM: Called Rick for an update on the property and whether they have chosen a bid. Rick was unavailable so a message was left for him. Rick responded and said that his client has not chosen a consultant to complete the remediation. He will pester them to make a decision soon. 03/02/17 - Lakhani 12:08 PM: Called Rick Leland to determine whether the property owner has accepted a bid from a consultant. He was unavailable, so a message was left for him. 03/15/17 - Lakhani Spoke to David Goldban from Grenadier Realty Corp. He informed that Rick Leland has been out of the country. David will reach out to Rick on Monday when he is expected to return from abroad. David is the General Counsel at Grenadier Realty Corp. He can be reached at 6465597440 or by email at dgoldban@dvln.com. David Goldban General Counsel Starrett Companies LLC 70 East 55th Street - 7th Floor New York, NY 10022 Tel: 646-559-7440 dgoldban@dvln.com 03/16/17 - Lakhani Spoke to HydroTech Erica and she informed that HydroTech had been pushing the client to allow them to perform EFR events onsite. HydroTech reportedly was given permission to proceed. Erica will be in touch in the next few weeks. 03/21/17 - Lakhani David is speaking with Rick at 4pm today regarding the case. Spoke to HydroTech Mark Robbins who informed that HydroTech will be performing weekly EFR events on the monitoring wells to recover free phase product. They will also gauge whether additional monitoring wells are necessary to install to delineate the extent of the contamination. 03/28/17 - Lakhani Mark Robbins emailed

CAROL GARDENS (Continued) **S119029172**

to confirm that HydroTech will indeed be conducting the EFR at the site. 04/11/17 - Lakhani Emailed Mark Robbins about the HydroTech project manager. 04/12/17 - Lakhani HydroTech Environmental Carlos Quinonez emailed to inform the Ms. Komal Anil Dixit has been assigned the project. They will be performing EFR events on the subject site every Thursday. Their first event took place last week (04/03 - 04/07). 04/18/17 - Lakhani Spoke to HydroTech Carlos Quinonez and he informed that two (2) EFR events have been completed to date. Weekly events occur on Thursdays. After the first event, 60 gallons of product was recovered. After the second event, 75 gallons of product were recovered. 04/24/17 - Lakhani Emailed HydroTech Komal asking whether HydroTech was able to determine the volume of the product spilled and the characteristics of the product because HydroTech Adriana described the product as #2 fuel oil in the tank, but as #6 fuel oil when inspecting the wells. DEC Lakhani asked how effective the 04/20/17 EFR event was? 05/01/17 - Lakhani HydroTech Komal responded stating that HydroTech was unable to determine the total volume of the product spilled at the site. The fingerprint analysis report dated January 20, 2017 indicates that the material inside Tank #1 corresponds to #2 fuel oil and the material in theMW-1 corresponds to #6 fuel oil. The most recent event conducted, removed about total of 100 gallons of the product. 05/08/17 - Lakhani HydroTech Komal emailed the fingerprint analysis. She also informed that HydroTech completed five (5) EFR events and recovered a total of 395 gallons of product. The most recent event was conducted on 05/04/17 and 80 gallons of product was recovered. The next scheduled event is on 05/11/17. 06/07/17 - Lakhani HyrdoTech Komal emailed providing an update. The most recent EFR event was 06/01/17 and 60 gallons of product was recovered. Till today, the total EFR events finished are 9 and a total of 675 galloon of liquid was recovered. The next scheduled EFR event is on this Friday. The further step is to abandon the tanks as per regulations. They will be preparing RAP upon approval, but currently awaiting from the client for them to proceed. 06/29/17 - Lakhani Hydrotech Komal emails RAWP and update regarding EFR events. Hydrotech completed a total of thirteen (13) events and total of 372 gallons of recovered liquid for the month of June 2017. The last event was conducted on 06/26/17. The cumulative amount recovered totals to 987 gallons. 06/30/17 - Lakhani RAWP (Hydrotech Environmental, 06/28/17) - The site utilizes two (2) 15,000 gallon underground fuel oil tanks, which are located to the west of the southern building. Tank #1 is the easternmost tank and currently contains #2 fuel oil. Tank #2 is the westernmost tank and is currently empty and inactive. Both tanks are reportedly manifold together. Remote fill ports for the tanks are located in the sidewalk along Thieriot Avenue. The groundwater flow direction beneath the site is toward the south. Free product was detected on the water table both upgradient and downgradient of the USTs. Product thickness ranged from 0.04'-0.25'. A tank tightness test and a fingerprint analysis was also conducted. Tank testing was performed on both tank on 01/16/17. According to the results, both tanks failed the test. Tank #! has an audible leak and could be possibly be the source of both tank failures. Fingerprint analysis revealed that the product in the wells corresponds to the oil in the tank. EFR event have been performed on a weekly basis since April 2017. The proposed remedial action will consist of the in-place abandonment of the USTs and soil excavation around the USTs. Hydrotech will cut open the top portion of the tank and the liquid inside will be pumped out. Void space of

CAROL GARDENS (Continued) **S119029172**

each tank will then be filled with sand. All soil that is excavated around the tanks will be visually examined for the presence of visual/olfactory evidence of contamination and screened utilizing a PID. The depth of the excavation will be until visibly clean soils are encountered or until groundwater is encountered. Excavation is not planned to exceed 11'bg. If any free phase product is encountered during the excavation, the product will vacuumed out. In addition, two (2) monitoring wells will be installed and added to the existing monitoring well network. 07/19/17 - Lakhani DEC Lakhani did not approve the RAWP because the investigation was not complete. DEC proposed the installation of five (5) more down-gradient wells to delineate the groundwater contamination. Pending return of data from these wells, Hydrotech must submit a revised RAWP to DEC for approval. 08/22/17 - Lakhani Komal emailed to inform that Hydrotech is starting the permit process for the sidewalks and utility mark outs. 09/13/17 - Lakhani Komal emailed to inform that Hydrotech is to begin with the installation of new proposed monitoring wells. The client is looking forward for the approval of the RAP. 09/19/17 - Lakhani Hydro Tech Komal Dixit emailed the revised RAWP that includes the installation of five (5) monitoring wells to approx. 20'bg at the site. Three (3) wells will be installed within the eastern sidewalk of Thieriot Avenue and the remaining two (2) will be installed along the western sidewalk of Thieriot Avenue, in the vicinity of Isaac Clason Public School. In addition, five (5) soil samples will be collected from the same locations as these wells. There will be a total of eleven (11) monitoring wells at the site. Hydro Tech will install two (2) additional monitoring wells in between the two tanks. All wells will be gauged for the presence of free product. If product is identified, the free product will extracted via weekly EFR events and continued until closure of the spill. Revised RAWP has been approved. The removal or abandonment of the USTs will be determined pending the results of the installation and monitoring of the five (5) downgradient wells. 11/15/17 - Lakhani Hydro Tech Komal emailed informing that Hydro Tech completed the installation of all the sidewalk monitoring wells at the site as per the approved RAP. Hydro Tech is awaiting lab results. There was no product identified in the monitoring well at the sidewalk at the school. EFR events data, as per the Hydro Tech EFR letter reports, is as follows: April 2017 (6, 14, 20, 29): 315 gallons of oily water was removed (monitoring wells). May 2017 (4, 11, 18, 26): 300 gallons of oily water was removed (monitoring wells). June 2017 (9, 15, 10, 26): 372 gallons of oily water was removed (monitoring wells). July 2017 (6, 12, 21, 27): 239 gallons of oily water was removed (monitoring wells). August 2017 (1, 10, 16, 25): 812 gallons of oily water was removed (sump pit & monitoring wells). September 2017 (1, 5, 15, 19): 1195 gallons of oily water was removed (sump put & monitoring wells). 02/08/18 - Lakhani Supplemental Site Investigation Report (HydroTech, 02/07/18) - The Site utilizes two (2) 15,000-gallon underground fuel oil tanks (PBS #238120), which are located to the west of the southern building. Tank #1 is the easternmost tank and currently contains #2 fuel oil. Tank #2 is the westernmost tank and is currently empty and inactive. Field activities consisted of the installation and sampling of five (5) soil probes that were subsequently converted into permanent monitoring wells. The five monitoring wells were then surveyed and sampled. A total of five (5) soil probes were installed during the investigation. For the purpose of this investigation, these soil probes were designated SP-14 through SP-18. One (1) soil

CAROL GARDENS (Continued) **S119029172**

sample was selected from each soil probe to evaluate subsurface conditions. A representative soil samples was collected from 10 feet to 12'bgs from SP-14; 10'-12'bgs from SP-15; 7'-9'bgs from SP-16; 8'-10'bgs from SP-17 and 5'-7'bgs from SP-18. Soil sample results are as follow: xylene 1100 ppb(SP-15, 10'-12'bg). Five (5) monitoring wells designated MW-7 through MW-11 were installed at the same locations as soil probes SP-14 through SP-18, respectively. MW-8 contains 1.2' of free product. No other monitoring wells (MW-7, MW-9 to MW-11) contain free product. MW-1 contains 0.01' of product, MW-2 contains 0.1' of product, MW-3 contains 0.01' of product, MW-4 contains 0.16' of product, and MW-7 contains a thin film of oil above the water. Groundwater elevation in all wells ranges from 12.62 feet in MW-8 to 14.3 feet in MW-5. The groundwater elevations were then imported into a computer-contouring program to determine the site-specific groundwater flow direction. The site-specific groundwater flow direction was determined to be toward the south in the direction of East River. Groundwater samples were then obtained from MW-7, MW-9 through MW-11. Grondwater results are as follow: 1,2,4-trimethylbenzene 3 ug/L(MW-7), benzene 4.9 ug/L(MW-7), naphthalene 110 ug/L(MW-7), xylene 19.4 ug/L(MW-7), 1,2,4-trimethylbenzene 15 ug/L(MW-10), 1,3,5-trimethylbenzene 5.4 ug/L (MW-10), benzene 1.6 ug/L(MW-9). 02/15/18 - Lakhani DEC Lakhani met HydroTech Komal on-site to gauge wells and perform the weekly EFR event. Upon gauging the wells approx. 7 of product was found in MW-1, less than 0.5 of product in MW-2 and MW-4, more than 6 of product in MW-8. A thin film of product was observed in the remainder of the monitoring wells. DEC Lakhani inspected the sump in the boiler room. Evidence of oil was neither observed in the sump nor on the walls. Walls did not display any evidence of groundwater penetrating the wall. DEC Lakhani suggested using the empty tank as a recovery pit since the tank is planned to be abandoned. Komal will speak to her supervisor, Mark Robbins, regarding the suggestion. 04/19/18 - Lakhani HydroTech Komal informed that the free product is decreased in the majority of the wells. In addition, HydroTech is in process to finalize their contract with the client in regards to having the abandonment of tanks. As per 02/22/18, product thicknesses were: MW-1 0.05', MW-2 0.02', and MW-8 0.58. 05/31/18 - Lakhani Spoke to HydroTech Komal who informed that HydroTech will continue to remove the minimal product which is detected in the wells manually using bailers and reduce the frequency of the EFR to recover the product. Most wells have a thin film of free product. However, the sidewalk wells have no more than 2 of free product. HydroTech will continue to monitor all the MWs when they are on site and recover the product. If there happens to be an increase in the product in the wells, HydroTech will perform the necessary EFR events. 08/22/18 - Lakhani HydroTech Komal emailed to inform that her client received a notice for the 15000 gallon tank to be tightness tested. The tank is inactive and will be abandoned. The abandonment process will start in 3 weeks. 11/02/18 - Lakhani The tank abandonment process at the above-referenced site is complete. HydroTech plans to install one (1) monitoring well in between the tanks now. Most likely, they will commence the work in next week (11/05/18 - 11/09/18). DEC Requires: 1. Confirmation of effective removal of contamination 2. Installation of soil borings/monitoring wells 3. Implementation of interim remedial measures 12/18/18 - Lakhani Komal is leaving HydroTech. The new project manager will be Mark Robbins (mrobbins@hydrotechenvironmental.com) 01/08/19 - Lakhani Separate

CAROL GARDENS (Continued) **S119029172**

phase product was still detecting in five (5) out of eleven (11) monitoring wells. The max product thickness identified during the EFR events was 1.20' in monitoring well MW-4. The EFR event was conducted on these wells. A total of 562 gallons of petroleum hydrocarbons containing liquid was removed most recently. The overall product thickness beneath the site has decreased over time. By the last EFR event, the product level thickness in MW-8 was 0.11'; in MW-4 was 0.72'; and in MW-12 was 0.03'. EFR events were conducted until monitoring wells are free of product. 04/03/19 - Lakhani HydroTech Mark Robbins emailed the February and March 2019 monthly report, which includes the tank closure information and request for site closure. Hydro Tech has been removing product for 2 years and there is very little remaining; only 1 well has little product remaining. The source of the product has been eliminated through the tank abandonment. 06/04/19 - Lakhani HydroTech Mark petitioned for closure. However, DEC Lakhani required another round of monitoring because the last monitoring event took place on 03/27/19 which indicated that free product was non-detect in all wells except MW-8. DEC Lakhani believes a monitoring event approximately 2 months after the last event will better determine the conditions at the site. 08/05/19 - Lakhani - Spill being transferred to Lin."

Remarks: "there is big underground storage tanks and one of them was leaking . The cleanup is pending."

All Materials:

Site ID:	537984
Operable Unit ID:	1286598
Operable Unit:	01
Material ID:	2292226
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

B8 **RESDIENTIAL - TTF** **NY LTANKS** **S109415693**
NW **820 THIERIOT AVENUE** **NY Spills** **N/A**
< 1/8 **BRONX, NY 10473**
0.035 mi.
186 ft. **Site 2 of 3 in cluster B**

Relative: **Lower**
Actual: **15 ft.**

LTANKS:

Name:	RESDIENTIAL - TTF
Address:	820 THIERIOT AVENUE
City,State,Zip:	BRONX, NY 10473
Spill Number/Closed Date:	0606279 / 2014-05-13
Facility ID:	0606279
Site ID:	369602
Spill Date:	2006-08-31
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	0301

RESDIENTIAL - TTF (Continued) **S109415693**

Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2006-08-31
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-08-31
Spill Record Last Update:	2016-12-05
Spiller Name:	MARLIN JOSEPH
Spiller Company:	RESDIENTIAL
Spiller Address:	820 PHERIOT AVE
Spiller County:	001
Spiller Contact:	MARLIN JOSEPH
Spiller Phone:	(718) 624-4842
Spiller Extention:	109
DEC Region:	2
DER Facility ID:	8893
DEC Memo:	"8/31/06 PBS # 2-238120 bf 9/5/06 ttf letter sent. bf 8/17/12 Spill re-assigned to T. Demeo as per RSE. bf 11/29/12 Called Grenadier Realty Corp; contact John Mulholland not in; mailed and faxed TTF letter. AF, reviewed by SR 3/6/13 AFrischeisen intern Received report from Neil Tomasetti from Al Eastmond & Sons on 2/13/13. Includes: -letter response explaining scope of situation -diagram of site -non-hazardous material manifest -technical report for soil samples -field chain of custody records Uploaded to eDocs. 5/13/14 TJD File review. Previous documentation provided by contactor (Eastmond) summarize the cause of the failure, a clogged crossover line between (2)15K UST's and a malfunctioning 4-way valve. The contractor reports the clogged line was cleared and 4-way valve was replaced. Excavation of petroleum impacted soils was advanced outside to a maximum depth of 2 ft bgs - at which point a total of 8 endpoint samples were collected. Laboratory analysis of endpoint samples reveal all target analytes are wihin acceptable concentrations - minor SVOC exceedances noted. Under seperate cover the contractor has provided copies of passing system tightness test reports for both tanks - uploaded to DECDOCS. Based upon the information provided, no further action is required at this time. Spill closed. 12/5/16 Colton McPartland: Received call to Duty Desk phone from Adriana Zapata (718-636-0800/ Azapata@hydrotechenvironmental.com) of Hydro Tech Environmental. She requested information on the spill. Provided her with Spill Report Form and Tim Demeo's contact information."
Remarks:	"SYSTEM FAILED TEST: ABOVE LIQUID LEAK: IN PROCESS OF REPAIRING"

All Materials:

Site ID:	369602
Operable Unit ID:	1127437
Operable Unit:	01
Material ID:	2117032
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported

RESDIENTIAL - TTF (Continued) **S109415693**

Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: APT BLDG
Address: 820 THIERIOT AVE
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 0812775 / 2009-03-02
Facility ID: 0812775
Facility Type: ER
DER Facility ID: 359645
Site ID: 410413
DEC Region: 2
Spill Cause: Human Error
Spill Class: Not reported
SWIS: 0301
Spill Date: 2009-02-24
Investigator: HRAHMED
Referred To: Not reported
Reported to Dept: 2009-02-24
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2009-02-24
Spill Record Last Update: 2016-12-05
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: NICK PASCAL
DEC Memo: "02/24/2009-HRAHMED-Spoke to Nick of Hess Oil(201 489 5100). As per him the super showed wrong fillport to the oil delivery driver and approx. 5 gal spilled from the vent line into the soil. The oil company will hire a contractor for the cleanup. The contractor dug some soil around the spill area and clean the wall around the ventline. This case is closed. 12/5/16 Colton McPartland: Received call to Duty Desk phone from Adriana Zapata (718-636-0800/ Azapata@hydrotechenvironmental.com) of Hydro Tech Environmental. She requested information on the spill. Provided her with Spill Report Form."
Remarks: "CALLER STATES THAT THE SUPER OF THE BLDG DIRECTED THE DRIVER TO THE WRONG TANK WHICH RESULTED IN A SPILL OF ABOUT 5 GALLONS TO SOIL, DUE TO AN OVERFILL. CLEAN UP IS PENDING."

All Materials:
Site ID: 410413
Operable Unit ID: 1166900
Operable Unit: 01

RESDIENTIAL - TTF (Continued) **S109415693**

Material ID:	2158418
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

B9 **CAROL GARDENS** **NY UST** **U001836102**
NW **820 THIERIOT AVENUE** **N/A**
< 1/8 **BRONX, NY 10473**
0.035 mi.
186 ft. **Site 3 of 3 in cluster B**

Relative: **Lower**
Actual: **15 ft.**

UST:

Name:	CAROL GARDENS
Address:	820 THIERIOT AVENUE
City,State,Zip:	BRONX, NY 10473
Id/Status:	2-238120 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	07/20/2022
UTM X:	595973.50690
UTM Y:	4519627.51512
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	8905
Affiliation Type:	Facility Owner
Company Name:	CAROL GARDENS ASSOCIATES
Contact Type:	DIRECTOR OF FIELD OPERATIONS
Contact Name:	JOHN MULHOLLAND
Address1:	1230 PENNSYLVANIA AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11239
Country Code:	001
Phone:	(718) 642-8700
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-29

Site Id:	8905
Affiliation Type:	Facility Operator
Company Name:	CAROL GARDENS
Contact Type:	Not reported
Contact Name:	GRENADIER REALTY-ENERGY SVC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

CAROL GARDENS (Continued) **U001836102**

Country Code:	001
Phone:	(212) 214-2272
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	8905
Affiliation Type:	Emergency Contact
Company Name:	CAROL GARDENS ASSOCIATES
Contact Type:	Not reported
Contact Name:	PEDRO INTERIAGO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 642-7550
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-29

Site Id:	8905
Affiliation Type:	Mail Contact
Company Name:	GRENADIER REALTY CORP
Contact Type:	Not reported
Contact Name:	JOHN MULHOLLAND
Address1:	155 ELMIRA LOOP
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11239
Country Code:	001
Phone:	(718) 240-4664
EMail:	JMULHOLLAND@GRCREALTY.COM
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-29

Tank Info:

Tank Number:	001
Tank ID:	17409
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	15000
Install Date:	12/01/1973
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	-

CAROL GARDENS (Continued) **U001836102**

Date Test:	Not reported
Next Test Date:	10/11/2016
Pipe Model:	Not reported
Modified By:	TankSys
Last Modified:	02/19/2020

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G99 - Tank Secondary Containment - Other
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	002
Tank ID:	17410
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	15000
Install Date:	12/01/1973
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	FDBONDI
Last Modified:	07/24/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G99 - Tank Secondary Containment - Other
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

C10 **GRAND MANOR NURSING & REHAB. CENTER** **NY UST** **U003790786**
East **700 WHITE PLAINS ROAD** **N/A**
< 1/8 **BRONX, NY 10473**
0.057 mi.
302 ft. **Site 1 of 2 in cluster C**

Relative:
Lower

Actual:
11 ft.

UST:

Name:	GRAND MANOR NURSING & REHAB. CENTER
Address:	700 WHITE PLAINS ROAD
City,State,Zip:	BRONX, NY 10473
Id/Status:	2-605722 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	04/19/2021
UTM X:	596342.84701
UTM Y:	4519438.68445
Site Type:	Hospital/Nursing Home/Health Care

Affiliation Records:

Site Id:	27589
Affiliation Type:	Mail Contact
Company Name:	GRAND MANOR NURSING & REHABILITATION CENTER
Contact Type:	Not reported
Contact Name:	ANTHONY RESTAINO, ADMIN.
Address1:	700 WHITE PLAINS ROAD
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10473
Country Code:	001
Phone:	(718) 518-8892
EMail:	ARESTAINO@GRANMANOR.ORG
Fax Number:	Not reported
Modified By:	MRBARROW
Date Last Modified:	2016-04-25

Site Id:	27589
Affiliation Type:	Facility Operator
Company Name:	GRAND MANOR NURSING & REHAB. CENTER
Contact Type:	Not reported
Contact Name:	GRAND MANOR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 518-8892
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	27589
Affiliation Type:	Emergency Contact
Company Name:	GRAND MANOR HRF, INC
Contact Type:	Not reported
Contact Name:	ANTHONY RESTAINO
Address1:	Not reported

GRAND MANOR NURSING & REHAB. CENTER (Continued) **U003790786**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 518-8892
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MRBARROW
Date Last Modified:	2016-04-25

Site Id:	27589
Affiliation Type:	Facility Owner
Company Name:	GRAND MANOR HRF, INC
Contact Type:	ADMINISTRATOR
Contact Name:	ANTHONY RESTAINO
Address1:	700 WHITE PLAINS ROAD
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10473
Country Code:	001
Phone:	(718) 518-8892
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MRBARROW
Date Last Modified:	2016-04-25

Tank Info:

Tank Number:	001
Tank ID:	60294
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	10000
Install Date:	01/01/1980
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	34
Date Test:	07/17/2019
Next Test Date:	07/17/2020
Pipe Model:	Not reported
Modified By:	TankSys
Last Modified:	03/16/2020

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
L99 - Piping Leak Detection - Other
E00 - Piping Secondary Containment - None
J00 - Dispenser - None

GRAND MANOR NURSING & REHAB. CENTER (Continued) **U003790786**

B07 - Tank External Protection - Retrofitted Sacrificial Anode
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
H99 - Tank Leak Detection - Other
F00 - Pipe External Protection - None

C11 **GRAND MANOR** **NY LTANKS** **S104951119**
East **700 WHITE PLAINS RD** **N/A**
< 1/8 **BRONX, NY**
0.057 mi.
302 ft. **Site 2 of 2 in cluster C**

Relative: **Lower**
Actual: **11 ft.**

LTANKS:

Name:	GRAND MANOR
Address:	700 WHITE PLAINS RD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0013484 / 2006-01-03
Facility ID:	0013484
Site ID:	187107
Spill Date:	2001-03-26
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	RSLEE
Referred To:	Not reported
Reported to Dept:	2001-03-26
CID:	382
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-03-26
Spill Record Last Update:	2006-01-11
Spiller Name:	Not reported
Spiller Company:	GRAND MANOR
Spiller Address:	700 WHITE PLAINS RD
Spiller County:	001
Spiller Contact:	DAVID LETOURTEAU
Spiller Phone:	(718) 518-8892
Spiller Extention:	846
DEC Region:	2
DER Facility ID:	156350
DEC Memo:	"01/03/06 - Rec'd documentation from Mr. Wolf of the Grand Manor Nursing Home and Rehabilitation Center indicating that the 10,000-gallon No.2 fuel oil tank in fact passed a tank test on 3/29/01. Based on this info, the spill was closed. 11/28/05 - Left message for Gerome Ford (718-518-8892 X 846) of the maintenance Dept. Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO "
Remarks:	"GROSS FAILURE - BELOW THE PRODUCT. DAVID ADVISED OF FAILURE"

All TTF:

GRAND MANOR (Continued) **S104951119**

Facility ID:	0013484
Spill Number:	0013484
Spill Tank Test:	1526163
Site ID:	187107
Tank Number:	1
Tank Size:	10000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	187107
Operable Unit ID:	834964
Operable Unit:	01
Material ID:	540196
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

D12 **SACK WERN HOUSES -NYCHA** **NY LTANKS** **S102555817**
WNW **1810 LAFAYETTE AVE** **NY Spills** **N/A**
< 1/8 **BRONX, NY**
0.073 mi.
383 ft. **Site 1 of 3 in cluster D**

Relative:
Higher

Actual:
18 ft.

LTANKS:

Name:	SACK WERN HOUSES -NYCHA
Address:	1810 LAFAYETTE AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9701298 / 2002-07-22
Facility ID:	9701298
Site ID:	234686
Spill Date:	1997-04-29
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1997-04-29
CID:	365
Water Affected:	Not reported

SACK WERN HOUSES -NYCHA (Continued) **S102555817**

Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-04-29
Spill Record Last Update:	2005-12-08
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	(212) 306-3233
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	271919
DEC Memo:	""
Remarks:	"failed horner ez III"

All TTF:

Facility ID:	9701298
Spill Number:	9701298
Spill Tank Test:	1545096
Site ID:	234686
Tank Number:	1
Tank Size:	6000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	234686
Operable Unit ID:	1043935
Operable Unit:	01
Material ID:	337856
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	SACK WERN HOUSES -NYCHA
Address:	1810 LAFAYETTE AVE

SACK WERN HOUSES -NYCHA (Continued) **S102555817**

City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9707278 / 2006-03-08
Facility ID:	9707278
Facility Type:	ER
DER Facility ID:	271919
Site ID:	234687
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	0301
Spill Date:	1997-09-19
Investigator:	SWKRASZE
Referred To:	Not reported
Reported to Dept:	1997-09-19
CID:	312
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-09-19
Spill Record Last Update:	2006-03-08
Spiller Name:	PAUL GOLDSTEIN
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY 16TH FLOOR
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"12/08/05: This spill transferred from J.Kolleeny to S.Kraszewski. 03/08/06: This spill considered no threat to the environment or public health and safety. This spill closed out. - SK"
Remarks:	"MECHANICAL FAILURE OF THE SPILLBOX - 1/2 GAL"

All Materials:

Site ID:	234687
Operable Unit ID:	1053646
Operable Unit:	01
Material ID:	332855
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

Name:	REAR OF BUILDING ON THE CEMENT
Address:	1810 LAFAYETTE AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	1908828 / 2019-12-09
Facility ID:	1908828
Facility Type:	ER
DER Facility ID:	271919

SACK WERN HOUSES -NYCHA (Continued) **S102555817**

Site ID:	599042
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	0301
Spill Date:	2019-12-07
Investigator:	HSSEKHON
Referred To:	Not reported
Reported to Dept:	2019-12-07
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2019-12-07
Spill Record Last Update:	2019-12-09
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CHRISTIAN GRULLON
DEC Memo:	"12/07/19-Hiralkumar Patel. 5:47 PM:- spoke with Christian at NYC Housing Authority. he mentioned that due to an unknown reason, oil transfer was started from an on-site underground tank to a smaller tank in a mobile boiler at the site. the mobile boiler is currently not in use. approx. 50 gal of #2 fuel oil has spilled inside mobile boiler and on asphalt parking lot. Christian confirmed no spill inside the building and no odor complaints from any resident. oil transfer has been stopped and spilled material on asphalt parking lot has been covered with speedie dry. spilled material has impacted three of the on-site catch basins, but no impact was noted in catch basin at the street. Clean Venture is responding for cleanup. DEC Sekhon is going to inspect the site. case assigned to DEC Sekhon. 12/8/19 - Sekhon Anthony - 917 3877737 - Heating maintenance worker Robert - Oil burner specialist Am - Site visited. met above personnel on site. Approx 57 gallons of oil spilled onto asphalt parking lot due to mobile boiler oil tank overflow. Three parking lot drains were impacted. ACV Enviro (Vendor) responded to the event on 12/7/19, and power washed inside, around and under the Mobile Boiler trailer. They removed all oil soaked debris from impacted drains and power washed each drain. Vendor and staff from NYC Housing Authority checked street drains within the vicinity and found on oil during check/test. Vendor haul away the contaminated debris for proper disposal. Case discussed with DEc Austin & closed."
Remarks:	"The valve caused the overflow when adding fuel #2 to the tank. Pending cleaning."

All Materials:

Site ID:	599042
Operable Unit ID:	1346544
Operable Unit:	01
Material ID:	2356884
Material Code:	0001A

SACK WERN HOUSES -NYCHA (Continued) **S102555817**

Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

D13 **SACKWERN HOUSES** **NY AST** **A100168963**
WNW **1810 LAFAYETTE AVENUE** **N/A**
< 1/8 **BRONX, NY 10473**
0.073 mi.
383 ft. **Site 2 of 3 in cluster D**

Relative:
Higher

Actual:
18 ft.

AST:

Name:	SACKWERN HOUSES
Address:	1810 LAFAYETTE AVENUE
City,State,Zip:	BRONX, NY 10473
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-473510
Program Type:	PBS
UTM X:	595851.16161
UTM Y:	4519525.49654
Expiration Date:	03/28/2024
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	20828
Affiliation Type:	Facility Operator
Company Name:	SACKWERN HOUSES
Contact Type:	Not reported
Contact Name:	FUEL OIL REMEDIATION UNIT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2014-02-26

Site Id:	20828
Affiliation Type:	Mail Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	FUEL OIL REMEDIATION COORDINATOR
Address1:	23-02 49TH AVENUE
Address2:	TECH SERVS DEPT - 5TH FLOOR
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001

SACKWERN HOUSES (Continued) **A100168963**

Phone:	(718) 707-5725
EMail:	YELENA.TKACH@NYCHA.NYC.GOV
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-02-28

Site Id:	20828
Affiliation Type:	Emergency Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	EMERGENCY SERVICES DEPT.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 707-5900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2014-10-03

Site Id:	20828
Affiliation Type:	Facility Owner
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	COORDINATOR
Contact Name:	YELENA TKACH
Address1:	23-02 49TH AVENUE
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5806
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-02-28

Tank Info:

Tank Number:	1
Tank Id:	37525
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
E02 - Piping Secondary Containment - Vault (with Access)

SACKWERN HOUSES (Continued) **A100168963**

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
L00 - Piping Leak Detection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/01/1977
Capacity Gallons:	6000
Tightness Test Method:	21
Date Test:	02/03/2017
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TLYE
Last Modified:	04/17/2017
Material Name:	#2 fuel oil (on-site consumption)

Tank Number:	T1
Tank Id:	60324
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I03 - Overfill - Automatic Shut-Off
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G01 - Tank Secondary Containment - Diking (Aboveground)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	03/01/2000
Capacity Gallons:	6000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	06/01/2001
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

D14 **SACKWERN HOUSES -NYCHA** **NY Spills** **S103274626**
WNW **1810 LAFFAYETTE** **N/A**
< 1/8 **BRONX, NY**
0.073 mi.
383 ft. **Site 3 of 3 in cluster D**

Relative:
Higher

Actual:
18 ft.

SPILLS:

Name:	SACKWERN HOUSES -NYCHA
Address:	1810 LAFFAYETTE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9802349 / 2007-01-26
Facility ID:	9802349
Facility Type:	ER
DER Facility ID:	206459
Site ID:	251960
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	0301
Spill Date:	1998-05-22
Investigator:	jkkann
Referred To:	CLOSED PER NYCHA INFO
Reported to Dept:	1998-05-22
CID:	370
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-05-22
Spill Record Last Update:	2007-01-26
Spiller Name:	ABOVE CALLER
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY
Spiller Company:	001
Contact Name:	ABOVE CALLER
DEC Memo:	"12/07/05: This spill transferred from J.Kolleeny to S.Kraszewski. 02/06/06: This spill transferred from S.Kraszewski to Q.Abidi. 04/04/06: This spill transferred from Q. Abidi to Koon Tang. 1/26/07 - Spill transferred to J. Kann. Spill closed as per information on clean up provided by NYCHA. - J.Kann"
Remarks:	"fill line problem - spill to sidewalk - contained and cleaned"

All Materials:

Site ID:	251960
Operable Unit ID:	1060411
Operable Unit:	01
Material ID:	320679
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	2.00
Oxygenate:	Not reported

E15
SW
< 1/8
0.075 mi.
395 ft.

RESIDENCE
659 TAYLOR AVE
BRONX, NY

Site 1 of 4 in cluster E

NY LTANKS **S122878549**
N/A

Relative:
Higher

Actual:
22 ft.

LTANKS:

Name:	RESIDENCE
Address:	659 TAYLOR AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	1806889 / 2018-09-28
Facility ID:	1806889
Site ID:	577631
Spill Date:	2018-09-28
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Not reported
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2018-09-28
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2018-09-28
Spill Record Last Update:	2018-09-28
Spiller Name:	LAWRENCE ANDERSON
Spiller Company:	PAUL BUNDY 6316823074
Spiller Address:	659 TAYLOR AVE
Spiller County:	999
Spiller Contact:	LAWRENCE ANDERSON
Spiller Phone:	(631) 393-6655
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	478875
DEC Memo:	"09/28/18-Hiralkumar Patel. the on-site 550 gal tank system was tested as part of on-going investigation under spill #: 1511851. subject spill case is closed and merged with spill #: 1511851 for further investigation/remediation."
Remarks:	"failed tank - repair and retest"

All Materials:

Site ID:	577631
Operable Unit ID:	1325398
Operable Unit:	01
Material ID:	2334008
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

E16 **HOME** **NY Spills** **S118636765**
SW **659 TAYLOR AVE** **N/A**
< 1/8 **BRONX, NY**
0.075 mi.
395 ft. **Site 2 of 4 in cluster E**

Relative:
Higher

Actual:
22 ft.

SPILLS:

Name:	HOME
Address:	659 TAYLOR AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	1511851 / 2019-10-11
Facility ID:	1511851
Facility Type:	ER
DER Facility ID:	478875
Site ID:	524635
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	0301
Spill Date:	2016-01-25
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2016-03-14
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2016-03-14
Spill Record Last Update:	2019-10-22
Spiller Name:	Not reported
Spiller Company:	TIR BORO ENERGY
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	N/A
DEC Memo:	"3/30/2016: Rashad Received email from Paul Bany of C2G: We finally received authorization and access to start this project. We are mobilizing to setup some air scrubbers and begin to remove the tile in the source area. I will keep you updated of how it is going and what we find. 659 Taylor Avenue does not have an alternate address. No additional spills or PBS registrations found for site. Sent email to Paul: Thank you for the update, I have a few general question on this site that you can answer when you get the chance: Do you know how many gallons was spilled? What is the status of the tank system, is it still in operation? What is the size of the tank and is it an UST or AST? I appreciate the information. Paul sent email: No seems that nobody seems to know the actual size of the overfill but according to the homeowner report of the incident I would guess maybe 40 gallons. It is a 550 gallon UST tanks system that is in service. Just to refresh the impact was do an uncapped unused return line in the interior of the basement. The word from the guys today is that under the tile there is old linoleum floor that was oil soaked. So far all of the subsurface readings are less than 15 ppm. Will keep you updated. 4/6/2016: Rashad Received email from Paul: Hope all is

HOME (Continued) **S118636765**

well. We finished at this site yesterday. We ended up removing all of the tile and old subflooring. The concrete floor was cleaned as well as sealed. All subslab core boring continued to exhibit very little or no impact (Highest 15.0 ppm most areas 0.0 ppm). Please advise if PID readings are sufficient or if you would like to see some laboratory data. Replied to Paul: I would appreciate it if you take a soil sample or two from the highest PID readings. Thank you. 5/12/2016: Rashad Sent email to Paul: Have you received the soil sample results? If you have, can you please put together a brief summary/report to close the spill? Thank you. 5/13/2016: Rashad Paul responded on 5/12 that the report should be done soon. Received email from Paul today: Please see the attached spill closure report. We are seeking spill closure based upon the source removal, field data, and results of subsurface investigation. Attached to email was closure report, it has been uploaded to D2. Review of report is as follows: On January 25th, 2016, there was an overfill to a 550gallon UST. Air scrubbers were installed and a subsurface investigation was done. The tile floor was removed as well as the linoleum floor underneath it. 12 interior core borings and 1 exterior core borings were taken, the final depth of all borings was about 1 foot and groundwater was not encountered. Based on field observations, PID reading, disposal records of the work perfomed, and lab analytical results of the core boring soil samples, it is in the opinion of C2G Environmental Consultants, LLC that the #2 fuel oil spill did not have any adverse effects on the subsurface of the site. As such, C2G recommends that no further action be required in associate with the fuel oil spill and NYSDEC Spill# 15-11851 be closed The highest PID readings of 15ppm were within SB-2 and SB-5, PID readings from all other core borings were non-detect 0ppm. A total of 2 composite soil samples were collected from the core borings; one composite sample was collected from SB-2 (0-1ft) and one composite sample was collected from SB-05 (0-1ft). Sample: SB-02 0-1ft - Ethylbenzene-4.6ppb, xylene-35, n-propylbenzene-4.9, 1,3,5 Trimethylbenzene-15ppb, 1,2,4 Trimethylbenzene-47ppb, Napthalene-7.5ppb. Sample: SB-05 0-1ft - Ethylbenzene-3.9ppb, Xylene-29.4ppb, n-propylbenzene-3.5ppb, 1,3,5 Trimethylbenzene-11ppb, 1,2,4 Trimethylbenzene-32ppb, Napthalene-4.5ppb. Spill will be closed as impacted tile and linoleum floor was removed, also only 2 borings had detectable PID readings but recorded no contaminants near unrestricted levels. Sent email to Paul: Thank you for the report. Spill#1511851 for 659 Taylor Ave has been closed. Thank you. Spill Closed. 2/14/18 - Austin - I received a phone call from Alexander Torres (917-662-7159), the owner of this residence. He indicated that he still had problems with pet vapors in the building, particularly when the boiler was set up to 78 degrees or higher. He indicated that at that point, the vapors were present throughout the home (home with several rental apartments). He said that tenants did not relocate but that he refunded rent to them for the vapor impact. He was denied reimbursement from Tri boro's insurance company. I explained that we can reopen this spill case, and have a DEC Spills staff member check the house for vapors while the boiler is operating at high temperature. I told Mr. Torres to also provide us with the contact info and claim number for the insurance company. I have assigned this re-opened spill to Kumar Patel, and he will contact Mr. Torres to arrange for a site inspection. - end 02/14/18-Hiralkumar Patel. alternate address: none no PBS or other spills found. Nemesio Torres / Maria Torres **property owners** c/o Alexander Torres Executor of Estate PH. (917)

HOME (Continued) **S118636765**

662-7159 email: atorres7159@gmail.com 3:01 PM:- spoke with Mr. Torres. he mentioned that oil company never restored spill impacted areas in basement and he always had indoor odor issue since spill incident. he has pics/videos of spill and cleanup activities. Mr. Torres confirmed that C2G has inspected boiler recently and confirmed no issues with the boiler. 3:13 PM:- sent email to Mr. Torres and asked him to submit contact info for oil company, their insurance company and cleanup contractor. also asked him to submit available pics/videos. 02/16/18-Hiralkumar Patel. reviewed spill closure report dated 05/12/2016. summary: - oil spill occurred in the basement due to an apparent overfill of one (1) 550 gal UST - air scrubbers were installed to vent the area - beneath the tile floor, linoleum soaked with oil was discovered - impacted linoleum was removed - total of two (2) 55 gal drums of oil-soaked debris were generated - performed twelve (12) interior core borings in the area of spill and one (1) exterior core boring in the location of the 550 gal UST - all core borings were installed to a depth of one foot below surface - total of two (2) soil samples with highest PID (15 ppm) were collected: one from SB-2 and another from SB-5 - no contamination found in soil samples as per site map, soil borings were installed throughout basement and were installed to a depth of one foot only. site map shows UST in backyard of the site. one soil boring was installed to a depth of 1 ft below surface in backyard, on west side of the UST. the report does not include any information about source of oil in basement, depth of UST bottom or tightness test of the system to confirm elimination of leak point. 1:10 PM:- received email from Mr. Torres including contact info for oil company, insurance company and environmental contractor. 1:16 PM:- spoke with Paul Bany at C2G Environmental. he mentioned that they conducted spill cleanup in basement and subsurface investigation to a 1 ft depth only. they did not perform tank system test or do not know source of oil in basement. 1:23 PM:- left message for Jack. Triboro Oil Corporation 3203 Barnes Avenue Bronx N.Y. 10467 Attn.: Jack Berisha Ph. (718) 882-8000 (718) 652-5700 (347) 734-7707 email: jack@triboroenergy.net Patrick Larkin National Continental Insurance Company **Triboro's insurance** Ph. (440) 910-6063 claim #: 164212382 email: plarkin@progressive.com Paul Bany C2G Environmental Ph. (631) 682-3074 email: pbany@c2g.us 02/20/18-Hiralkumar Patel. 10:40 AM:- received call from Paul. he reviewed the case and remembered that oil in basement came through an old uncapped line. he doesn't have any pic of old pipe location, but they had sealed the old pipe. 12:54 PM:- spoke with Mr. Larkin at National Continental Insurance and informed him about re-opening of the subject spill case and need for further investigation. he mentioned that Paul will be handling further investigation/remediation, if needed. he will contact Paul. 1:34 PM:- left message for Mr. Torres. 02/21/18-Hiralkumar Patel. 8:33 AM:- received call from Jack. he claimed that spill occurred only inside basement due to an uncapped return line. he believes that there was no leak from anywhere else in the tank. he also suspects leak during oil deliveries since Mar. 2016. informed him that the tank system was not tested to confirm no other leaks after overfill in Jan. 2016 and there was no subsurface investigation conducted below tank's bottom to confirm absence of contamination. 8:45 AM:- left message for Mr. Torres. 3:08 PM:- sent email to Mr. Torres and asked him to call back to schedule a site inspection. email copied to Paul and Jack. 02/22/18-Hiralkumar Patel. 9:13 AM:- received email from Mr. Torres. he mentioned that site visit can't be scheduled at

HOME (Continued) **S118636765**

this time due to his illness, and will call back soon to schedule a site inspection. 02/26/18-Hiralkumar Patel. 10:29 AM:- received email from Mr. Torres including zip files of pics/videos of spill incident. one of the video shows a pipe (possibly a drainage pipe) behind the wall. around/behind the pipe looks wet. 11:26 AM:- received email from Mr. Torres. he will speak to his tenants regarding their availability for site inspection as needed access in tenant's unit also. 08/23/18-Hiralkumar Patel. discussed with DEC Austin about no response from property owner to schedule a site inspection. Austin asked to close the case if property owner fails to schedule site inspection soon. 10:42 AM:- sent email to Mr. Torres. informed him that the spill case will be closed if site inspection doesn't occur within two weeks. email copied to Paul and Jack. 09/05/18-Hiralkumar Patel. 8:44 AM:- received email from Mr. Torres. he mentioned that he was not available for site inspection due to medical condition, but now likes to schedule the inspection. 09/13/18-Hiralkumar Patel. 1:47 PM:- sent email to Mr. Torres, Jack and Paul to schedule a site inspection. 09/14/18-Hiralkumar Patel. 8:45 AM:- received email from Mr. Torres confirming schedule for site inspection at 9 AM on 09/25/18. Paul has also confirmed site inspection schedule. 09/25/18-Hiralkumar Patel. 9:05 AM:- visited site with DEC Sekhon. met Mr. Torres and Paul. site has two story building with a basement. basement entrance is in middle of building's southern foundation wall. site has one (1) 550 gal UST in building backyard, beneath a concrete surface. vent pipe is located in backyard surface. the fill port for the UST is located approx. 25 ft east of the tank location, on other side of building section. the vent line is not visible from the fill port location. the boiler room is located along building's northern foundation wall in central section. former and current supply lines come out of ground near northwest corner of building and then run aboveground along building's northern foundation wall (in driveway of building 661). noted both current and former (plugged) supply lines in boiler room. Paul mentioned that during the overfill in Jan. 2016, oil spilled out of the former supply line onto boiler room floor. the spilled material from boiler room flowed towards western portion of the basement through a hallway located south of the boiler room. conducted PID survey upon entering building basement. air temperature inside the building was raised as building occupants noted odors during higher temperature in the building. upon entering, PID screening was conducted in a bedroom, located immediately west of the boiler room. noted approx. 9 ppm along bedroom floor, but 18 ppm along bedroom ceiling. also noted approx. 9 ppm along ceiling in hallway to the south of the boiler room. after PID screening in hallway and bedroom, went to inspect/screen boiler room. at this time, an old used oil filter was noted in an open pan on boiler room floor, along the common wall with the bedroom to the west. also noted some speedie dry on boiler room floor near the filter. air in basement was re-screened approx. after 10 minutes and noted much lower PID values in all areas. during this 10 minutes period, basement entrance door was open. results of PID screening upon entering the basement and after 10 minutes suggest that initial detection on PID could be result of oil contaminated speedie dry and used filter in the boiler room. informed Mr. Torres that additional PID survey needs to be conducted after removal of all seepdie dry and used filter in the boiler room prior to any investigative/remedial action inside the basement. as tank system was never tested after overfill (to confirm no other damage to the tank system due to

HOME (Continued) **S118636765**

overfill) in Jan. 2016, asked Paul to immediately test the UST system (including piping) and conduct subsurface investigation around the UST via installation of soil borings to the south, west and north of the UST (no boring to the east of the UST as tank is near the building wall). asked Paul to install borings to a minimum depth of 5 ft below tank invert. suggested him to installed north boring in area that could cover both the UST and underground supply line run. also inspected public library (Soundview Branch Library) located west of the subject site. conducted PID survey along library's eastern foundation wall and found no detection (olfactory or PID) of petroleum inside the library. Santiago Negron **basement tenant** Ph. (917) 334-7251 12:34 PM:- spoke with Diane Berisha, Jack Berisha's wife. she mentioned that Jack passed away two months ago and she believes that the subject spill was cleaned up. informed her about observations during site visit today and requirements for further investigation. 12:40 PM:- spoke with Mr. Larkin and informed him that the Department requires immediate tightness testing of UST system and subsurface investigation around the UST. also inquired him about basement floor restoration. he mentioned that Mr. Torres was informed to submit cost estimate from three contractors and insurance company will cover restoration cost. 1:58 PM:- spoke with Mr. Torres and informed him about discussion with Ms. Berisha and Mr. Larkin. asked Mr. Torres about fill line run and tank's installation. he mentioned that the current UST was installed about 25 years ago when his parents extended on-site building, and the existing fill line runs beneath the building slab. he will submit building extension blueprints. Mr. Torres believes that the UST was installed inside a concrete box. 2:33 PM:- received email from Paul. he has scheduled a tank system test at 7 AM on 09/28/18. 09/28/18-Hiralkumar Patel. 10:43 AM:- received email from Paul stating that the on-site tank system had failed in dry portion during tightness test. 10:45 AM:- spoke with Paul. he mentioned that the 550 gal tank is 48 inch in diameter and there was approx. 13 inches of product in the tank during the test. informed Paul that the department requires isolation test to locate leak in the tank system. also asked him to report new spill for tank test failure. received new spill report # 1806889 for tank test failure. 12:19 PM:- spoke with Mr. Larkin and informed him about failed tank system. based on test result, asked him to conduct isolation test. 12:24 PM:- spoke wit Mr. Torres and informed him about failed tank system. asked him to stop further oil deliveries to the faulty tank system until it gets fixed and tested tight. also asked him to send building extension blueprints. 1:33 PM:- sent email to Mr. Larkin requiring schedule for isolation test and subsurface investigation. email copied to Ms. Berisha (Diana@triboroenergy.net), Paul and Mr. Torres. 3:08 PM:- received email from Paul. after discussing with Mr. Larkin, Paul suggests tank removal (including necessary investigation) instead of isolation test. 3:19 PM:- sent email to Paul informing that the Department has no objection in removing the tank system, but requires subsurface investigation along any underground section of the system that can t be removed. 10/10/18-Hiralkumar Patel. 1:45 PM:- spoke with Paul. he mentioned that the UST will be removed once Mr. Torres removes some of the vehicles in the rear this weekend. asked Paul to submit work schedule. 10/11/18-Hiralkumar Patel. received email from Paul (at 5:38 PM on 10/10/18) confirming that tank will be removed on 10/15/18. 10/16/18-Hiralkumar Patel. received email from Paul (at 3:22 PM on 10/15/18). they removed the 550 gal tank today and

HOME (Continued) **S118636765**

encountered contamination from the top of the UST down to at least the convex of the tank (approx. 6 ft bg). Paul mentioned that the tank was found intact without any direct corrosion holes and it appears the contamination source is from a failed top feed connection on the return line of the tank. crew will continue remedial excavation on 10/17/18. 10/17/18-Hiralkumar Patel. 8:15 AM:- visited site and met Brian from C2G. Brian mentioned that there were no hoes noted in the tank, but the former return line was not properly secured to the tank and got separated upon touching. up to 200 ppm was recorded in soil around tank on 10/15/18. no petroleum odors were noted near the work zone, but the excavation was left open since 10/15/18. C2G will continue soil excavation today. C2G has cut the fill port and sealed fill line at the building wall. informed Brian that the department requires tightness testing of remote fill line and underground section of former/recent supply/return lines and remediation along piping, if it fails. 8:31 AM:- left message for Paul and informed him that underground lines must also be tested. 8:44 AM:- received message from Paul. he mentioned that recent/former underground supply/return lines will be removed and they will test the remaining section of fill line. 11/27/18-Hiralkumar Patel. 9:40 AM:- received email from Paul including site updates. he mentioned that all of the contaminated soil has been removed from the site and the site is backfilled (pending the concrete restoration). they were not able to test the old supply/return lines; however were able to visually inspect the underground portion as well as the entire run which is aboveground along the side of the home. no signs of failure/release were identified except for the tank top which was excavated with the tank pull. the 2 remote fill line, which runs through the extension/slab/crawl, has failed the test indicating leak somewhere within the home portion of the run. Paul has asked Mr. Torres to provide detail about any access to fill line under home. Paul stated that no contamination has noted in endpoint samples collected after tank removal. 12/10/18-Hiralkumar Patel. 10:49 AM:- spoke with Mr. Torres about access way to fill line under home. he confirmed that there is no access to fill line under the house. he also confirmed better air quality within the house. 10:51 AM:- spoke with Paul. as remote fill line has failed, asked him to investigate for any groundwater contamination via installation of a well in the former tank location (as concrete has not been restored yet). 11:05 AM:- sent email to Paul and asked him to send copy of fill line test report. informed him that as the remote fill line has failed a tightness test, the Department requires subsurface investigation to confirm presence/absence of petroleum impact, via installation of a monitoring well at the former tank location. also informed him that based on findings, additional monitoring wells may be needed to delineate contamination. asked him to provide schedule for well installation/groundwater sampling. email copied to Mr. Torres and Mr. Larkin. 12/20/18-Hiralkumar Patel. 10:51 AM:- received call from Paul. they are on-site today to install a monitoring well. they drilled in multiple locations in previously excavated area to install the well, but found refusal at 8 ft bg in all borings. asked Paul to drill south side of building extension, where remote fill line runs beneath the building. Paul confirmed no signs of contamination in soil from all borings. 1:23 PM:- received message from Paul. they tried to install well on south side of building extension, but found refusal at 8 ft. 01/30/19-Hiralkumar Patel. 8:43 AM:- sent email to Paul and asked him to submit report. 02/11/19-Hiralkumar Patel.

HOME (Continued) **S118636765**

received email from Steven Spreitzer (at 1:12 PM on 02/08/19) from C2G Env. including a spill closure report. during tank removal, bedrock was observed at 8 ft bg. total of thirteen (13) boreholes were advanced to investigate for groundwater impact due to the failed remote fill line, but refusal was encountered at 8 ft bg in all boreholes. 10:05 AM:- spoke with Mr. Torres regarding indoor air quality. as he is out-of-town, he asked to contact Mr. Negron who lives in the house. 10:09 AM:- left message for Mr. Negron. Santiago Negron Ph. (917) 334-7251 05/06/19-Hiralkumar Patel. 9:55 AM:- left message for Mr. Torres. 06/06/19-Hiralkumar Patel. tried contacting Mr. Negron multiple times but no response. 12:56 PM:- left message for Mr. Torres. informed him that the department has not received any response from property owner or tenant (multiple attempts were made to contact property owner/tenant) regarding any pending indoor air quality issue, and the spill case will be closed based on available information if no response received from the property owner/tenant by 06/14/19. 1:10 PM:- sent email to Mr. Torres and informed him that case will be closed if no response from property owner/tenant by 06/14/19. email copied to Paul and Mr. Larkin. 10/11/19-Hiralkumar Patel. as of today, no response received from property owner/tenant. case closed based on review of spill closure report and other available information. 1:02 PM:- sent email to Mr. Torres, Mr. Larkin and Paul, and informed them about spill closure. 10/22/19-Hiralkumar Patel. 9:56 AM:- received call from Mr. Torres requesting copy of available documents and DEC remarks for ongoing court case with the oil company for site restoration. 10:40 AM:- sent available documents and spill reports (for spill #: 1511851 and 1806889) to Mr. Torres using DEC's file transfer service."

Remarks: "tank overfill on 1/25/16"

All Materials:

Site ID:	524635
Operable Unit ID:	1273598
Operable Unit:	01
Material ID:	2278037
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

F17 **NYC DEPT OF EDUCATION - PS 100X** **NY AST** **U003394063**
NW **800 TAYLOR AVE** **NY MANIFEST** **N/A**
< 1/8 **BRONX, NY 10473** **NY LEAD**
0.084 mi.
444 ft. **Site 1 of 2 in cluster F**

Relative:
Higher

Actual:
16 ft.

AST:

Name:	P.S. 100 - BRONX X100
Address:	800 TAYLOR AVENUE
City,State,Zip:	BRONX, NY 10473
Region:	STATE
DEC Region:	2
Site Status:	Active

NYC DEPT OF EDUCATION - PS 100X (Continued) **U003394063**

Facility Id:	2-351911
Program Type:	PBS
UTM X:	595886.84391
UTM Y:	4519605.04932
Expiration Date:	06/28/2023
Site Type:	School

Affiliation Records:

Site Id:	17395
Affiliation Type:	Facility Owner
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	MANAGER, FUEL DIVISION
Contact Name:	MUNENDRA SHARMA
Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-07-17

Site Id:	17395
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	MUNENDRA SHARMA
Address1:	FIELD OPERATIONS - FUEL DIVISION
Address2:	44-36 VERNON BOULEVARD
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
EMail:	MSHARMA@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2018-04-10

Site Id:	17395
Affiliation Type:	Facility Operator
Company Name:	P.S. 100 - BRONX X100
Contact Type:	Not reported
Contact Name:	MARTIN FEENEY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 861-2986
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2018-04-10

NYC DEPT OF EDUCATION - PS 100X (Continued) **U003394063**

Site Id:	17395
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	KEN MAHADEO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 210-7918
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2018-12-06

Tank Info:

Tank Number:	001
Tank Id:	34090
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)

Equipment Records:

	C01 - Pipe Location - Aboveground
	I04 - Overfill - Product Level Gauge (A/G)
	H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
	L00 - Piping Leak Detection - None
	A00 - Tank Internal Protection - None
	J02 - Dispenser - Suction Dispenser
	B01 - Tank External Protection - Painted/Asphalt Coating
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	F01 - Pipe External Protection - Painted/Asphalt Coating
	H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
	K00 - Spill Prevention - None
	E00 - Piping Secondary Containment - None
	I02 - Overfill - High Level Alarm
	G02 - Tank Secondary Containment - Vault (w/access)
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	03/01/1960
Capacity Gallons:	7500
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MFLEONAR
Last Modified:	04/10/2018
Material Name:	#4 fuel oil (on-site consumption)

NYC DEPT OF EDUCATION - PS 100X (Continued) **U003394063**

Tank Number: 002
Tank Id: 34091
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
G02 - Tank Secondary Containment - Vault (w/access)

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/01/1960
Capacity Gallons: 7500
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MFLEONAR
Last Modified: 04/10/2018
Material Name: #4 fuel oil (on-site consumption)

NY MANIFEST:
Name: NYC DEPT OF EDUCATION - PS 100X
Address: 800 TAYLOR AVE
City,State,Zip: BRONX, NY 10473
Country: USA
EPA ID: NYR000225631
Facility Status: Not reported
Location Address 1: 800 TAYLOR AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10473
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000225631
Mailing Name: NYC DEPT OF EDUCATION - PS 100X
Mailing Contact: NYC DEPT OF EDUCATION - PS 100X
Mailing Address 1: 800 TAYLOR AVE

NYC DEPT OF EDUCATION - PS 100X (Continued) **U003394063**

Mailing Address 2:	Not reported
Mailing City:	BRONX
Mailing State:	NY
Mailing Zip:	10473
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJR000075697
Trans2 State ID:	NJD080631369
Generator Ship Date:	02/04/2016
Trans1 Recv Date:	02/04/2016
Trans2 Recv Date:	02/05/2016
TSD Site Recv Date:	02/09/2016
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000225631
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980536593
TSDF ID 2:	Not reported
Manifest Tracking Number:	000977209VES
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	9
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	B007
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

NYC DEPT OF EDUCATION - PS 100X (Continued) **U003394063**

NYC LEAD 2:

Name:	P.S. 100 - BRONX
Address:	800 TAYLOR AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X100
Room:	102
Deteriorated Paint:	YES
Presence of LBP:	YES
Stabilization Required:	YES
Stabilization Complete:	YES

Name:	P.S. 100 - BRONX
Address:	800 TAYLOR AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X100
Room:	106
Deteriorated Paint:	YES
Presence of LBP:	YES
Stabilization Required:	YES
Stabilization Complete:	YES

Name:	P.S. 100 - BRONX
Address:	800 TAYLOR AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X100
Room:	108
Deteriorated Paint:	YES
Presence of LBP:	YES
Stabilization Required:	YES
Stabilization Complete:	YES

Name:	P.S. 100 - BRONX
Address:	800 TAYLOR AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X100
Room:	123
Deteriorated Paint:	YES
Presence of LBP:	YES
Stabilization Required:	YES
Stabilization Complete:	YES

Name:	P.S. 100 - BRONX
Address:	800 TAYLOR AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X100
Room:	125
Deteriorated Paint:	YES
Presence of LBP:	YES
Stabilization Required:	YES
Stabilization Complete:	YES

Name:	P.S. 100 - BRONX

NYC DEPT OF EDUCATION - PS 100X (Continued) **U003394063**

Address:	800 TAYLOR AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X100
Room:	127
Deteriorated Paint:	YES
Presence of LBP:	YES
Stabilization Required:	YES
Stabilization Complete:	YES

Name:	P.S. 100 - BRONX
Address:	800 TAYLOR AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X100
Room:	223
Deteriorated Paint:	YES
Presence of LBP:	YES
Stabilization Required:	YES
Stabilization Complete:	YES

Name:	P.S. 100 - BRONX
Address:	800 TAYLOR AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X100
Room:	225
Deteriorated Paint:	YES
Presence of LBP:	NO
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 100 - BRONX
Address:	800 TAYLOR AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X100
Room:	229
Deteriorated Paint:	YES
Presence of LBP:	YES
Stabilization Required:	YES
Stabilization Complete:	YES

Name:	P.S. 100 - BRONX
Address:	800 TAYLOR AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X100
Room:	230
Deteriorated Paint:	YES
Presence of LBP:	NO
Stabilization Required:	NA
Stabilization Complete:	NA

F18
NW
< 1/8
0.084 mi.
444 ft.

NYC DEPT OF EDUCATION - PS 100X
800 TAYLOR AVE
BRONX, NY 10473

Site 2 of 2 in cluster F

RCRA-SQG **1018281187**
FINDS **NYR000225631**
ECHO

Relative:
Higher

Actual:
16 ft.

RCRA-SQG:

Date form received by agency:	2016-01-28 00:00:00.0
Facility name:	NYC DEPT OF EDUCATION - PS 100X
Facility address:	800 TAYLOR AVE BRONX, NY 10473
EPA ID:	NYR000225631
Mailing address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact:	ALEXANDER LEMPERT
Contact address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact country:	US
Contact telephone:	718-472-8501
Contact email:	ALEMPERT@NYCSCA.ORG
EPA Region:	02
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NYC DEPT OF SCHOOL FACILITIES
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	1961-01-18 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	NYC DEPT OF EDUCATION
Owner/operator address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Owner/operator country:	US
Owner/operator telephone:	718-472-8501
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	1961-01-18 00:00:00.
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

NYC DEPT OF EDUCATION - PS 100X (Continued) **1018281187**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

. Waste code: B004
. Waste name: PCB articles containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs, excluding small capacitors. This includes oil-filled electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable.

. Waste code: B007
. Waste name: Other PCB wastes, including contaminated soil, solids, sludges, clothing, rags and dredge material.

Violation Status: No violations found

FINDS:
Registry ID: 110067267175

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1018281187
Registry ID:	110067267175
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110067267175
Name:	NYC DEPT OF EDUCATION - PS 100X
Address:	800 TAYLOR AVE
City,State,Zip:	BRONX, NY 10473

G19 **#4 FUEL SPILL FROM VENT PIPE** **NY Spills** **S114560163**
ENE **731 WHITE PLAINS ROAD** **N/A**
< 1/8 **BRONX, NY**
0.087 mi.
458 ft. **Site 1 of 19 in cluster G**

Relative: **Lower**

Actual: **8 ft.**

SPILLS:

Name:	#4 FUEL SPILL FROM VENT PIPE
Address:	731 WHITE PLAINS ROAD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	1306665 / 2013-09-30
Facility ID:	1306665
Facility Type:	ER
DER Facility ID:	442412
Site ID:	487297
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	0301
Spill Date:	2013-09-25
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	2013-09-25
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2013-09-25
Spill Record Last Update:	2013-09-30
Spiller Name:	Not reported
Spiller Company:	BUILDING OWNER
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MARIAN
DEC Memo:	"9/30/13-Vought-Duty desk officer. Called Castle Oil (Millie Ph:(718) 579-3413) and they had defective gauge and five to six gallons spill out of vent onto soil and soil was excavated. No further deliveries will be made by Castle until the gauge has been replaced and owners have been notified. Three quarters of one drum of soil removed and soil will be replaced most likely this week and no spill inside building and no sewers or drains affected and spill closed by Vought. "
Remarks:	"cleanup pending - crew enr"

All Materials:

Site ID:	487297
Operable Unit ID:	1236935
Operable Unit:	01
Material ID:	2236496
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	6.00

#4 FUEL SPILL FROM VENT PIPE (Continued) **S114560163**

Units: G
Recovered: Not reported
Oxygenate: Not reported

H20 **SACKWERN HOUSES** **NY AST** **A100168966**
West **740 BEACH AVENUE** **N/A**
< 1/8 **BRONX, NY 10473**
0.094 mi.
498 ft. **Site 1 of 2 in cluster H**

Relative:
Higher

Actual:
25 ft.

AST:
Name: SACKWERN HOUSES
Address: 740 BEACH AVENUE
City,State,Zip: BRONX, NY 10473
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-473774
Program Type: PBS
UTM X: 595835.79749
UTM Y: 4519462.50115
Expiration Date: 03/28/2024
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 20851
Affiliation Type: Mail Contact
Company Name: NYC HOUSING AUTHORITY
Contact Type: Not reported
Contact Name: FUEL OIL REMEDIATION COORDINATOR
Address1: 23-02 49TH AVENUE
Address2: TECH SERVS DEPT - 5TH FLOOR
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 707-5725
EMail: YELENA.TKACH@NYCHA.NYC.GOV
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2019-02-28

Site Id: 20851
Affiliation Type: Emergency Contact
Company Name: NYC HOUSING AUTHORITY
Contact Type: Not reported
Contact Name: EMERGENCY SERVICES DEPT.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 707-5900
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR

SACKWERN HOUSES (Continued) **A100168966**

Date Last Modified: 2014-10-03

Site Id: 20851
Affiliation Type: Facility Owner
Company Name: NYC HOUSING AUTHORITY
Contact Type: COORDINATOR
Contact Name: YELENA TKACH
Address1: 23-02 49TH AVENUE
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 707-5806
EMail: Not reported
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2019-02-28

Site Id: 20851
Affiliation Type: Facility Operator
Company Name: SACKWERN HOUSES
Contact Type: Not reported
Contact Name: NYC HOUSING AUTHORITY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 707-5725
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-10-02

Tank Info:

Tank Number: 1
Tank Id: 37573
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G02 - Tank Secondary Containment - Vault (w/access)

SACKWERN HOUSES (Continued) **A100168966**

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/01/1977
Capacity Gallons:	6000
Tightness Test Method:	21
Date Test:	02/15/2017
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	JSMACRI
Last Modified:	12/28/2018
Material Name:	#2 fuel oil (on-site consumption)

Tank Number:	T-1
Tank Id:	60312
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I03 - Overfill - Automatic Shut-Off
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/01/2000
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	06/01/2001
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

H21 **SACK WERN HOUSES -NYCHA** **NY LTANKS** **S104073486**
West **740 BEACH AVE** **N/A**
< 1/8 **BRONX, NY**
0.094 mi.
498 ft. **Site 2 of 2 in cluster H**

Relative: **Higher**

Actual: **25 ft.**

LTANKS:

Name:	SACK WERN HOUSES -NYCHA
Address:	740 BEACH AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9701350 / 2011-11-22
Facility ID:	9701350
Site ID:	69663
Spill Date:	1997-04-30
Spill Cause:	Tank Test Failure
Spill Source:	Unknown
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	jkkann
Referred To:	Not reported
Reported to Dept:	1997-04-30
CID:	252
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-04-30
Spill Record Last Update:	2011-11-22
Spiller Name:	FRANK OCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	FRANK OCELLO
Spiller Phone:	(212) 306-3229
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	66215
DEC Memo:	"12/09/05: This spill transferred from J.Kolleeny to S.Kraszewski. 03/23/06: This spill transferred to K.Tang - SK 09/23/10: J.Kann - spill transferred from K. Tang to J.Kann. 11/22/11: J.kann - tank repair information and tank tightess testing (pass) results submitted to the department. Based on the information, the spill was closed. NFA "
Remarks:	"REPAIR AND RE-TEST TO TAKE PLACE"

All TTF:

Facility ID:	9701350
Spill Number:	9701350
Spill Tank Test:	1545100
Site ID:	69663
Tank Number:	1
Tank Size:	6000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported

SACK WERN HOUSES -NYCHA (Continued) **S104073486**

Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 69663
Operable Unit ID: 1047380
Operable Unit: 01
Material ID: 337911
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

E22 **LAUD REALTY CORP** **NY UST U003074466**
SW **652 SOUNDVIEW AVE** **NY AST N/A**
< 1/8 **BRONX, NY 10473**
0.095 mi.
500 ft. **Site 3 of 4 in cluster E**

Relative:
Higher

Actual:
25 ft.

UST:
Name: LAUD REALTY CORP
Address: 652 SOUNDVIEW AVE
City,State,Zip: BRONX, NY 10473
Id/Status: 2-247057 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 595925.47989
UTM Y: 4519173.50852
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 9692
Affiliation Type: Facility Owner
Company Name: LAUD REALTY CORP
Contact Type: Not reported
Contact Name: Not reported
Address1: 652 SOUNDVIEW AVE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10473
Country Code: 001
Phone: (212) 589-5467
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT

LAUD REALTY CORP (Continued) **U003074466**

Date Last Modified: 2004-03-04

Site Id: 9692
Affiliation Type: Mail Contact
Company Name: LAUD REALTY CORP
Contact Type: Not reported
Contact Name: SUPER FACILITY MANAGER
Address1: 652 SOUNDVIEW AVE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10473
Country Code: 001
Phone: (212) 589-5467
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 9692
Affiliation Type: Facility Operator
Company Name: LAUD REALTY CORP
Contact Type: Not reported
Contact Name: LAUD REALTY CORP
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 589-5467
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 9692
Affiliation Type: Emergency Contact
Company Name: LAUD REALTY CORP
Contact Type: Not reported
Contact Name: JUAN L CHINEA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 589-5467
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 10651

LAUD REALTY CORP (Continued) **U003074466**

Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1080
Install Date:	Not reported
Date Tank Closed:	03/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
G07 - Tank Secondary Containment - Excavation Liner
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

AST:

Name:	LAUD REALTY CORP
Address:	652 SOUNDVIEW AVE
City,State,Zip:	BRONX, NY 10473
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-247057
Program Type:	PBS
UTM X:	595925.47989
UTM Y:	4519173.50852
Expiration Date:	N/A
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	9692
Affiliation Type:	Facility Owner
Company Name:	LAUD REALTY CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	652 SOUNDVIEW AVE
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10473
Country Code:	001
Phone:	(212) 589-5467
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT

LAUD REALTY CORP (Continued) **U003074466**

Date Last Modified: 2004-03-04

Site Id: 9692
Affiliation Type: Mail Contact
Company Name: LAUD REALTY CORP
Contact Type: Not reported
Contact Name: SUPER FACILITY MANAGER
Address1: 652 SOUNDVIEW AVE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10473
Country Code: 001
Phone: (212) 589-5467
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 9692
Affiliation Type: Facility Operator
Company Name: LAUD REALTY CORP
Contact Type: Not reported
Contact Name: LAUD REALTY CORP
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 589-5467
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 9692
Affiliation Type: Emergency Contact
Company Name: LAUD REALTY CORP
Contact Type: Not reported
Contact Name: JUAN L CHINEA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 589-5467
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 002
Tank Id: 10652

LAUD REALTY CORP (Continued) **U003074466**

Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location:	Partially buried tank (tank with 10% or more below ground).... Tank is less than 90% above grade, partially buried.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	10/01/1983
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/01/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

Tank Number:	003
Tank Id:	10653
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location:	Partially buried tank (tank with 10% or more below ground).... Tank is less than 90% above grade, partially buried.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	10/01/1983
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/01/1996
Register:	True
Modified By:	TRANSLAT

LAUD REALTY CORP (Continued) **U003074466**

Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

I23 **NYC DEPT OF EDUCATION - PUBLIC SCHOOL 182X** **NY MANIFEST** **S118260091**
ESE **601 STICKBALL BLVD** **NY LEAD** **N/A**
< 1/8 **BRONX, NY 10473**
0.100 mi.
530 ft. **Site 1 of 3 in cluster I**

Relative: **Lower**
Actual: **12 ft.**

NY MANIFEST:
Name: NYC DEPT OF EDUCATION - PUBLIC SCHOOL 182X
Address: 601 STICKBALL BLVD
City,State,Zip: BRONX, NY 10473
Country: USA
EPA ID: NYR000206870
Facility Status: Not reported
Location Address 1: 601 STICKBALL BLVD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10473
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000206870
Mailing Name: NYC DEPT OF EDUCATION - PUBLIC SCHOOL 182X
Mailing Contact: NYC DEPT OF EDUCATION - PS 182X
Mailing Address 1: 601 STICKBALL BLVD
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10473
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: NJD054126164
Generator Ship Date: 07/23/2015
Trans1 Recv Date: 07/23/2015
Trans2 Recv Date: 07/28/2015
TSD Site Recv Date: 07/29/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000206870
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: MAC300017498
TSDF ID 2: Not reported
Manifest Tracking Number: 000789026VES
Import Indicator: N

NYC DEPT OF EDUCATION - PUBLIC SCHOOL 182X (Continued) **S118260091**

Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H039
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	2358
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	11
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	B007
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

NYC LEAD 2:

Name:	P.S. 182 - BRONX
Address:	601 STICKBALL BLVD.
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X182
Room:	105
Deteriorated Paint:	YES
Presence of LBP:	NO
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 182 - BRONX
Address:	601 STICKBALL BOULEVARD
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X182
Room:	108
Deteriorated Paint:	YES
Presence of LBP:	NO
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 182 - BRONX
Address:	601 STICKBALL BLVD.
City,State,Zip:	BRONX, NY
Geographical District:	8

NYC DEPT OF EDUCATION - PUBLIC SCHOOL 182X (Continued) **S118260091**

Building Code:	X182
Room:	110
Deteriorated Paint:	YES
Presence of LBP:	NO
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 182 - BRONX
Address:	601 STICKBALL BLVD.
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X182
Room:	111
Deteriorated Paint:	YES
Presence of LBP:	YES
Stabilization Required:	YES
Stabilization Complete:	YES

Name:	P.S. 182 - BRONX
Address:	601 STICKBALL BOULEVARD
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X182
Room:	114
Deteriorated Paint:	YES
Presence of LBP:	YES
Stabilization Required:	YES
Stabilization Complete:	YES

Name:	P.S. 182 - BRONX
Address:	601 STICKBALL BOULEVARD
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X182
Room:	116
Deteriorated Paint:	YES
Presence of LBP:	YES
Stabilization Required:	YES
Stabilization Complete:	YES

Name:	P.S. 182 - BRONX
Address:	601 STICKBALL BOULEVARD
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X182
Room:	118
Deteriorated Paint:	YES
Presence of LBP:	NO
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 182 - BRONX
Address:	601 STICKBALL BOULEVARD
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X182
Room:	120

NYC DEPT OF EDUCATION - PUBLIC SCHOOL 182X (Continued) **S118260091**

Deteriorated Paint:	YES
Presence of LBP:	NO
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 182 - BRONX
Address:	601 STICKBALL BOULEVARD
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X182
Room:	122
Deteriorated Paint:	YES
Presence of LBP:	NO
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 182 - BRONX
Address:	601 STICKBALL BOULEVARD
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X182
Room:	124
Deteriorated Paint:	YES
Presence of LBP:	NO
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 182 - BRONX
Address:	601 STICKBALL BOULEVARD
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X182
Room:	126
Deteriorated Paint:	YES
Presence of LBP:	NO
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 182 - BRONX
Address:	601 STICKBALL BLVD.
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X182
Room:	127
Deteriorated Paint:	YES
Presence of LBP:	NO
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 182 - BRONX
Address:	601 STICKBALL BOULEVARD
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X182
Room:	128
Deteriorated Paint:	YES
Presence of LBP:	NO

NYC DEPT OF EDUCATION - PUBLIC SCHOOL 182X (Continued) **S118260091**

Stabilization Required: NA
Stabilization Complete: NA

I24 **PS 182X SCHOOL** **RCRA-LQG** **1016455584**
ESE **601 STICKBALL BLVD** **FINDS** **NYR000206870**
< 1/8 **BRONX, NY 10473** **ECHO**
0.100 mi.
530 ft. **Site 2 of 3 in cluster I**

Relative:
Lower

Actual:
12 ft.

RCRA-LQG:
Date form received by agency: 2016-02-22 00:00:00.0
Facility name: PS 182X SCHOOL
Facility address: 601 STICKBALL BLVD
BRONX, NY 10473
EPA ID: NYR000206870
Mailing address: SCAIEH 30-30
THOMSON AVENUE
LONG ISLAND CITY, NY 11101
Contact: ALEXANDER LEMPERT
Contact address: THOMSON AVE
LONG ISLAND CITY, NY 11101
Contact country: US
Contact telephone: 718-472-8501
Contact email: ALEMPERT@NYCSCA.ORG
EPA Region: 02
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: NYC DEPT OF EDUCATION
Owner/operator address: THOMSON AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: 718-472-8501
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 1977-03-04 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: NYC DEPT OF SCHOOL FACILITIES
Owner/operator address: Not reported
Not reported
Owner/operator country: US

PS 182X SCHOOL (Continued) **1016455584**

Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 1977-03-04 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: NYC DEPARTMENT OF EDUCATION
Owner/operator address: VERNON BLVD
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 1900-01-01 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: NYC DEPARTMENT OF EDUCATION
Owner/operator address: VERNON BLVD
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 1900-01-01 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2014-01-29 00:00:00.0
Site name: NYC DEPT OF EDUCATION - PS 182X
Classification: Small Quantity Generator

PS 182X SCHOOL (Continued) **1016455584**

Hazardous Waste Summary:

. Waste code: B004
. Waste name: PCB articles containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs, excluding small capacitors. This includes oil-filled electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable.

. Waste code: B007
. Waste name: Other PCB wastes, including contaminated soil, solids, sludges, clothing, rags and dredge material.

Violation Status: No violations found

FINDS:
Registry ID: 110057070262

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016455584
Registry ID:	110057070262
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110057070262
Name:	PS 182X SCHOOL
Address:	601 STICKBALL BLVD
City,State,Zip:	BRONX, NY 10473

E25 **POLE 11056** **NY Spills** **S106016567**
SW **660 SOUNDVIEW AVE** **N/A**
< 1/8 **BRONX, NY**
0.104 mi.
549 ft. **Site 4 of 4 in cluster E**

Relative: **Higher**
Actual: **24 ft.**

SPILLS:

Name:	POLE 11056
Address:	660 SOUNDVIEW AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0304470 / 2003-08-27
Facility ID:	0304470
Facility Type:	ER
DER Facility ID:	258731
Site ID:	321159
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	0301
Spill Date:	2003-07-28

POLE 11056 (Continued) **S106016567**

Investigator:	KMFOLEY
Referred To:	Not reported
Reported to Dept:	2003-07-28
CID:	207
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-07-28
Spill Record Last Update:	2003-08-27
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	PAUL DIDONATO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was FOLEY E2MIS 149516 28-Jul-2003 15:30 hrs EH&S rep Gerry Derosa, while responding to a trouble report in front of 660 Soundview Ave, Bronx NY, found an overhead transformer leaked ~ 1 qt of dielectric fluid onto the asphalt and a consumer vehicle.No fire/smoke is/was involved. No sewers/waterwayswere affected. PRIVATE PROPERTY AFFECTED. No injuries reported. Absorbant diapers are depolyed to contain the leak. Additional crews are being dispatched. 28-Jul-2003 15:40 hrs EH&S rep Gerry Derosa reports that the consumer vehicle 2003 Ford Windstar (NY) CGY1703 has ~ 10 drops of oil on it. An area ~10' X 6' has to be cleaned. 28-July-2003 @ 21:41 hrs. Jim Feeney who relieved Gerry Derosa in the field reported the clean up was completed. Gas Operations Mech 'A' Bob Demascio, 07971 reported that assuming 50-499 ppm he used simple green and absorbant pads to clean up the spill on the asphalt and sidewalk, a small area of soil was also removed, no restoration required. Area double washed. One drum assumed 50-499 haz-waste brought to the Van Nest S.C. under the one-trip rule. Clean up completed. 29-Jul-2003 1515 hrs Overhead crews replaced damaged 150 KVA transformer. Old unit is be held in Van Nest service center pending oil sample. PCB Analysis by EPA 608/8082 Aroclor 1242 < 1.0 ppm EPA 608/8082 Aroclor 1254 < 1.0 ppm EPA 608/8082 Aroclor 1248 < 1.0 ppm EPA 608/8082 Aroclor 1260 < 1.0 ppm EPA 608/8082 "
Remarks:	"CLEANUP IN PROGRESS CON ED #149516"

All Materials:

Site ID:	321159
Operable Unit ID:	871281
Operable Unit:	01
Material ID:	505327
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

J26 **733 BEACH AVE/BX** **NY Spills** **S102142363**
WSW **733 BEACH AVENUE** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.106 mi.
560 ft. **Site 1 of 2 in cluster J**

Relative:
Higher

Actual:
23 ft.

SPILLS:

Name:	733 BEACH AVE/BX
Address:	733 BEACH AVENUE
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8806975 / 2003-03-04
Facility ID:	8806975
Facility Type:	ER
DER Facility ID:	256726
Site ID:	318502
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	A1
SWIS:	0301
Spill Date:	1988-11-19
Investigator:	SULLIVAN
Referred To:	Not reported
Reported to Dept:	1988-11-21
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1988-11-21
Spill Record Last Update:	2003-03-04
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"4 DIFFERENT EXPLOSIONS, 3 OTHERS IN MANHOLES IN AREA, METER READINGS (40%), 715 SOUNDVIEW AVE,705 SOUNDVIEW AVE (HAD SOME LEAKAGE),300 SOUNDVIEW AVENUE, CALLED DEC (SULLIVAN) AT 11:00."

All Materials:

Site ID:	318502
Operable Unit ID:	922143
Operable Unit:	01
Material ID:	455325
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

G27
NE
< 1/8
0.116 mi.
610 ft.

STEVENSON COMMONS ASSOC.
751-5 WHITE PLAINS RD.
BRONX, NY 10473

Site 2 of 19 in cluster G

NY UST **U003790774**
N/A

Relative:
Lower

Actual:
11 ft.

UST:

Name:	STEVENSON COMMONS ASSOC.
Address:	751-5 WHITE PLAINS RD.
City,State,Zip:	BRONX, NY 10473
Id/Status:	2-605630 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	596305.19578
UTM Y:	4519498.75367
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	27497
Affiliation Type:	Facility Owner
Company Name:	STEVENSON COMMONS ASSOC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	755 WHITE PLAINS RD.
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10473
Country Code:	001
Phone:	(718) 589-1900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	27497
Affiliation Type:	Mail Contact
Company Name:	GRENADIER REALTY CORP- AS AGENTS FOR
Contact Type:	Not reported
Contact Name:	NILDA ORTIZ-AS AGENTS FOR
Address1:	755 WHITE PLAINS RD.
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10473
Country Code:	001
Phone:	(718) 589-1900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	27497
Affiliation Type:	Facility Operator
Company Name:	STEVENSON COMMONS ASSOC.
Contact Type:	Not reported
Contact Name:	ROGER MEIKLE - D.O.M.
Address1:	Not reported

STEVENSON COMMONS ASSOC. (Continued) **U003790774**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 589-1900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	27497
Affiliation Type:	Emergency Contact
Company Name:	STEVENSON COMMONS ASSOC.
Contact Type:	Not reported
Contact Name:	WILSON CAMACO - SUPT.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 589-1900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	60139
Tank Status:	Tank Converted to Non-Regulated Use
Material Name:	Tank Converted to Non-Regulated Use
Capacity Gallons:	24000
Install Date:	01/01/1975
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Concrete
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	JMKRIMGO
Last Modified:	04/14/2017

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F01 - Pipe External Protection - Painted/Asphalt Coating
G01 - Tank Secondary Containment - Diking (Aboveground)
A01 - Tank Internal Protection - Epoxy Liner
B04 - Tank External Protection - Fiberglass
H00 - Tank Leak Detection - None

STEVENSON COMMONS ASSOC. (Continued) **U003790774**

I05 - Overfill - Vent Whistle
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
D02 - Pipe Type - Galvanized Steel

G28 **CORNELL STATION** **NY UST** **U000410901**
ENE **1950 LAFAYETTE AVENUE** **N/A**
< 1/8 **BRONX, NY 10473**
0.116 mi.
614 ft. **Site 3 of 19 in cluster G**

Relative: **Lower**
Actual: **9 ft.**

UST:

Name:	CORNELL STATION
Address:	1950 LAFAYETTE AVENUE
City,State,Zip:	BRONX, NY 10473
Id/Status:	2-476269 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	06/22/2024
UTM X:	596345.02779
UTM Y:	4519605.21291
Site Type:	Other

Affiliation Records:

Site Id:	21076
Affiliation Type:	Emergency Contact
Company Name:	UNITED STATES POSTAL SERVICE
Contact Type:	Not reported
Contact Name:	POSTAL POLICE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 330-3900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JAAVERSA
Date Last Modified:	2017-04-28

Site Id:	21076
Affiliation Type:	Facility Operator
Company Name:	CORNELL STATION
Contact Type:	Not reported
Contact Name:	STATION MANAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 892-7054
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2005-08-10

CORNELL STATION (Continued) **U000410901**

Site Id:	21076
Affiliation Type:	Mail Contact
Company Name:	U.S POSTAL SERVICE
Contact Type:	Not reported
Contact Name:	ANN MARIE BYRNES, ENVIR FIELD SUPPORT SPEC
Address1:	830 STEWART AVE
Address2:	Not reported
City:	GARDEN CITY
State:	NY
Zip Code:	11599-9998
Country Code:	001
Phone:	(516) 228-7509
EMail:	ANNMARIE.BYRNES@USPS.GOV
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-06-19

Site Id:	21076
Affiliation Type:	Facility Owner
Company Name:	UNITED STATES POSTAL SERVICE
Contact Type:	DISTRICT MANAGER
Contact Name:	LORRAINE CASTELLANO
Address1:	475 L'ENFANT PLAZA SW
Address2:	ROOM 6333
City:	WASHINGTON
State:	DC
Zip Code:	20260-1101
Country Code:	001
Phone:	(202) 268-4570
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-06-19

Tank Info:

Tank Number:	001
Tank ID:	37934
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	2500
Install Date:	07/01/1992
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	JSMACRI
Last Modified:	06/19/2019

Equipment Records:

CORNELL STATION (Continued) **U000410901**

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
J04 - Dispenser - On Site Heating System (Suction)
E04 - Piping Secondary Containment - Double walled UG
D10 - Pipe Type - Copper
G04 - Tank Secondary Containment - Double-Walled (Underground)
H05 - Tank Leak Detection - In-Tank System (ATG)

G29 **S & S CLEANERS** **EDR Hist Cleaner** **1018970251**
NE **755 WHITE PLAINS RD** **N/A**
< 1/8 **BRONX, NY 10473**
0.116 mi.
615 ft. **Site 4 of 19 in cluster G**

Relative: EDR Hist Cleaner
Lower

Actual:
11 ft.

Year:	Name:	Type:
1977	LAMAR CLEANERS	Drycleaning Plants, Except Rugs
1978	LAMAR CLEANERS	Drycleaning Plants, Except Rugs
1979	LAMAR CLEANERS	Drycleaning Plants, Except Rugs
1980	LAMAR CLEANERS	Drycleaning Plants, Except Rugs
1982	LAMAR CLEANERS INC	Drycleaning Plants, Except Rugs
1983	LAMAR CLEANERS INC	Drycleaning Plants, Except Rugs
1985	LAMAR CLEANERS INC	Drycleaning Plants, Except Rugs
1986	LAMAR CLEANERS INC	Drycleaning Plants, Except Rugs
1987	LAMAR CLEANERS INC	Drycleaning Plants, Except Rugs
1988	LAMAR CLEANERS INC	Drycleaning Plants, Except Rugs
1989	LAMAR CLEANERS INC	Drycleaning Plants, Except Rugs
1990	LAMAR CLEANERS INC	Drycleaning Plants, Except Rugs
1991	LAMAR CLEANERS INC	Drycleaning Plants, Except Rugs
1992	LAMAR CLEANERS INC	Drycleaning Plants, Except Rugs
1993	LAMAR CLEANERS INC	Drycleaning Plants, Except Rugs
1994	LAMAR CLEANERS INC	Drycleaning Plants, Except Rugs

G30 **SN CORP** **EDR Hist Auto** **1020348355**
NE **755 WHITE PLAINS RD** **N/A**
< 1/8 **BRONX, NY 10473**
0.116 mi.
615 ft. **Site 5 of 19 in cluster G**

Relative: EDR Hist Auto
Lower

Actual:
11 ft.

Year:	Name:	Type:
1992	NORTHVILLE GAS STATION	Gasoline Service Stations
1993	NORTHVILLE GAS STATION	Gasoline Service Stations
1994	NORTHVILLE GAS STATION	Gasoline Service Stations
1995	SCOTT GAS STATION	Gasoline Service Stations
1996	SN CORP	Gasoline Service Stations
1997	SN CORP	Gasoline Service Stations
1998	SN CORP	Gasoline Service Stations

G31 **S & S CLEANERS** **NY DRYCLEANERS** **S106435307**
NE **755 WHITE PLAINS RD.** **N/A**
< 1/8 **BRONX, NY 10473**
0.116 mi.
615 ft. **Site 6 of 19 in cluster G**

Relative: **Lower**
Actual: **11 ft.**

DRYCLEANERS:

Name:	S & S CLEANERS
Address:	755 WHITE PLAINS RD.
City,State,Zip:	BRONX, NY 10473
Facility ID:	2-6007-00238
Phone Number:	718-328-4816
Region:	Not reported
Registration Effective Date:	7/15/2003 17:28:02:62
Inspection Date:	12OCT24
Install Date:	92/03/12
Drop Shop:	Not reported
Shutdown:	Y
Alternate Solvent:	Not reported
Current Business:	Not reported

G32 **STEVENSON COMMON APT** **NY LTANKS** **S105998237**
NE **755 WHITE PLAINS ROAD** **N/A**
< 1/8 **BRONX, NY**
0.116 mi.
615 ft. **Site 7 of 19 in cluster G**

Relative: **Lower**
Actual: **11 ft.**

LTANKS:

Name:	STEVENSON COMMON APT
Address:	755 WHITE PLAINS ROAD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	8908381 / 1992-12-08
Facility ID:	8908381
Site ID:	161247
Spill Date:	1989-11-22
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	1992-12-08
SWIS:	0301
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1989-11-22
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1989-11-29
Spill Record Last Update:	1992-12-10
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported

STEVENSON COMMON APT (Continued) **S105998237**

DEC Region: 2
DER Facility ID: 136142
DEC Memo: ""
Remarks: "24K TANK CUSTOMER ORDERED 6200 GALS TANK OVERFILLED AT 5900 GALS."

All TTF:
Facility ID: 8908381
Spill Number: 8908381
Spill Tank Test: 1536458
Site ID: 161247
Tank Number: Not reported
Tank Size: 0
Material: 0003
EPA UST: Not reported
UST: Not reported
Cause: 02
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 161247
Operable Unit ID: 935769
Operable Unit: 01
Material ID: 445126
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 15.00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: SPILL NUMBER 0211744
Address: 755 WHITE PLAINS RD
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 0211744 / 2003-02-27
Facility ID: 0211744
Site ID: 142801
Spill Date: 2003-02-26
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 2003-02-26
CID: 205
Water Affected: Not reported
Spill Notifier: Responsible Party

STEVENSON COMMON APT (Continued) **S105998237**

Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-02-26
Spill Record Last Update:	2003-02-27
Spiller Name:	CALLER
Spiller Company:	CASTLE OIL
Spiller Address:	50 COMMERCE ST
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	121829
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD 2/27/03 TIPPLE UPDATING, OVERFILL CAME OUT VENT LINE ONTO FROZEN SOIL SURFACE. #6 FO DRUMMED, SURFACE SOIL SCRAPED AND REMOVED. NO FURTHER ACTION NECESSARY."
Remarks:	"cleanup crew on scene."

All Materials:

Site ID:	142801
Operable Unit ID:	865063
Operable Unit:	01
Material ID:	511530
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

G33 **STEVENSON COMMONS** **NY Spills** **S118637778**
NE **755 WHITE PLAINS RD** **N/A**
< 1/8 **BRONX, NY**
0.116 mi.
615 ft. **Site 8 of 19 in cluster G**

Relative: **Lower**
Actual: **11 ft.**

SPILLS:

Name:	STEVENSON COMMONS
Address:	755 WHITE PLAINS RD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	1600551 / 2016-04-27
Facility ID:	1600551
Facility Type:	ER
DER Facility ID:	121829
Site ID:	525828
DEC Region:	2
Spill Cause:	Other
Spill Class:	C5
SWIS:	0301
Spill Date:	2016-04-06
Investigator:	RMOMAR

STEVENSON COMMONS (Continued) **S118637778**

Referred To:	Not reported
Reported to Dept:	2016-04-15
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2016-04-15
Spill Record Last Update:	2016-04-27
Spiller Name:	Not reported
Spiller Company:	STEVENSON COMMONS
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	GREG MENDEZ- CHICAS
DEC Memo:	"4/17/16 TJD Assigned to Rashad Omar as AH Secondary. 4/18/16: Rashad 755 White Plains Rd has an alternate address of 751-755 White Plains Road. Additional spill found for site, spill#8908381 where an overfill occurred in 1989, no notes were in report it was closed in 1992. PBS# 2-296376 found for site, there was a 24,000 gallon #6 fuel oil UST with no access for inspections that was closed in place in 10/18/2012. Additional PBS found for site PBS#2-605630, it has a 24,000 gallon # 6 fuel oil UST with no access for inspections that was converted to non-regulated use. It is unclear if site has two 24,000 gallon tanks or that the tanks listed on separate PBS registrations are the same tank. 4/19/2016: Rashad 9:15am - Called and left message for Greg. 4/20/2016: Rashad Greg called back, he indicated that he encountered a dense material while doing soil borings, this was encountered adjacent to the previously closed 24,000 gallon UST. Greg believes the contamination is localized and not mobile. He took 2 groundwater samples and a few soil borings and the levels were mostly below standards. I asked him to submit this to me with a site plan for possible closure if the sample levels are within reason as there are no plans for redevelopment. He also mentioned that the area has a layer of historic fill. The purpose of the investigation was to inspect if a previous dry cleaner near the site had contaminated the surrounding area, however during investigation they discovered possible petroleum contamination. 4/26/2016: Rashad Received email from Greg: As discussed, please find a summary letter regarding the above referenced NYSDEC spill case. I look forward to hearing back from you. Attached was summary letter, it has been uploaded to D2. Review of summary letter is as follows: Impact Environmental prepared a Phase 1 report for site and then a limited subsurface investigation. The limited subsurface investigation was conducted on March 31, 2016 by Impact Environmental which included advancement of two exterior soil boreholes (SB-1 and SB-2) to about 20 feet below grade surface and the collection of 2 groundwater samples (GW1 and GW2) at approximately 18-20 ftbg. Subsurface soil was comprised of uncontrolled fill up to 15 ftbgs, underlain by dark brown coarse sand and gravel to 20 ftbgs. During the extension of the SB-2 soil boring there was evidence of heavy staining (thick oily substance) and petroleum related odors was observed between 13-15 ftbgs. Both soil borings were near the former

STEVENSON COMMONS (Continued) **S118637778**

24,000 gallon #6 fuel oil UST installed in 1975 and abandoned in place on July 20,2012 according to the PBS registration. 4/27/2016: Rashad Review of analytical data shows only exceedance in soil samples to be Chrysene at 1400ppb in SB-2. Various other VOCs and SVOCs were detected but were below standards such as in SB1-13ft: Toluene 6.9ppb, benzene 6.3ppb, xylene 5ppb, fluroanthene 1200ppb, naphthalene 520ppb, benzo(a)anthrasene 510ppb, benzo(a)pyrene 460ppb, benzo(b)fluroranthene 550ppb, chrysene 640ppb, phenanthrene 360ppb, pyrene 1000ppb. GW1 sampled at 18-20ft - benzene 0.56ppb. SB2-17ft: n-butylbenzene 140ppb, sec-butylbenzene 190ppb, acenaphthene 840ppb, fluoranthene 1700ppb, benzo(a)anthracene 950ppb, benzo(a)pyrene 720ppb, benzo(b)fluoranthene 250ppb, chrysene 1400ppb, anthracene 880ppb, phenanthrene 800ppb, pyrene 2300ppb. GW2 sampled at 18-20ft - vinyl chloride 0.12J ppb, it was below quantitation limit but above method detection limit. Detection of VOCs and SVOCs are likely due to historic fill through out site. Review of PBS number indicated that tank was tested prior to closure in 2012 and the system was tight, tightness report uploaded to D2. Residual contamination is most likely due to historic overfill which was not completely remediated. Contamination is also not mobile and seems to be degrading. Spill will be closed as tank was tight and properly closed in place in 2012 and the apartment switched to gas, removing a source for continued contamination. Also residual contamination is below CP-51 guidelines except for Chrysene at 1400ppb, groundwater data is also below regulation limits. Additionally spill will be closed due to data provided and no plans for redevelopment at this time. Sent email to Greg: I will be closing spill#1600551 for 755 White Plains Road. Please advise the property owner that upon redevelopment of the site any contamination found must be properly remediated. Thank you. "

Remarks: "abandoned tank in dirt - cleanup pending"

All Materials:

Site ID:	525828
Operable Unit ID:	1274774
Operable Unit:	01
Material ID:	2279432
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

G34 **STEVENSON COMMONS ASSOCIATES** **NY UST** **U003107139**
NE **755 WHITE PLAINS ROAD** **N/A**
< 1/8 **BRONX, NY 10473**
0.116 mi.
615 ft. **Site 9 of 19 in cluster G**

Relative: **Lower**
Actual: **11 ft.**

UST:

Name:	STEVENSON COMMONS ASSOCIATES
Address:	755 WHITE PLAINS ROAD
City,State,Zip:	BRONX, NY 10473
Id/Status:	2-296376 / Unregulated/Closed
Program Type:	PBS

STEVENSON COMMONS ASSOCIATES (Continued) **U003107139**

Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 596303.66022
UTM Y: 4519507.66689
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 13643
Affiliation Type: Facility Owner
Company Name: STEVENSON COMMONS ASSOCOCIATES
Contact Type: Not reported
Contact Name: Not reported
Address1: 1230 PENN AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11239
Country Code: 001
Phone: (718) 642-8700
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2012-09-18

Site Id: 13643
Affiliation Type: Mail Contact
Company Name: GRENADIER REALTY CORP.
Contact Type: Not reported
Contact Name: JOHN MULHOLLAND
Address1: STEVENSON COMMONS ASSOC.
Address2: 1230 PENN AVENUE
City: BROOKLYN
State: NY
Zip Code: 11239
Country Code: 001
Phone: (718) 240-4664
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2007-06-19

Site Id: 13643
Affiliation Type: Facility Operator
Company Name: STEVENSON COMMONS ASSOCIATES
Contact Type: Not reported
Contact Name: GRENADIER REALTY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 642-8700
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2007-06-19

STEVENSON COMMONS ASSOCIATES (Continued) **U003107139**

Site Id:	13643
Affiliation Type:	Emergency Contact
Company Name:	STEVENSON COMMONS ASSOCOCIATES
Contact Type:	Not reported
Contact Name:	GILEBERT LOPEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 209-9964
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2007-06-19

Tank Info:

Tank Number:	001
Tank ID:	12158
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	24000
Install Date:	12/01/1975
Date Tank Closed:	10/18/2012
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
G99 - Tank Secondary Containment - Other
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A99 - Tank Internal Protection - Other
F05 - Pipe External Protection - Jacketed
L00 - Piping Leak Detection - None
I05 - Overfill - Vent Whistle
J01 - Dispenser - Pressurized Dispenser

G35 **S & S CLEANERS** **RCRA NonGen / NLR** **1000154119**
NE **755 WHITE PLAINS ROAD** **ICIS** **NYD084645274**
< 1/8 **BRONX, NY 10473** **FINDS**
0.116 mi. **ECHO**
615 ft. **Site 10 of 19 in cluster G** **NY MANIFEST**

Relative:
Lower

Actual:
11 ft.

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	S S CLEANERS
Facility address:	755 WHITE PLAINS RD BRONX, NY 10473
EPA ID:	NYD084645274
Mailing address:	WHITE PLAINS RD BRONX, NY 10473
Contact:	Not reported
Contact address:	WHITE PLAINS RD BRONX, NY 10473
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SUN IK LEE
Owner/operator address:	UNKNOWN UNKNOWN, NY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	SUN IK LEE
Owner/operator address:	UNKNOWN UNKNOWN, NY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

S & S CLEANERS (Continued) **1000154119**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: S S CLEANERS
Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0
Site name: S S CLEANERS
Classification: Not a generator, verified

Date form received by agency: 1991-06-19 00:00:00.0
Site name: S S CLEANERS
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

ICIS:
Enforcement Action ID: 02-1998-0229
FRS ID: 110001603382
Action Name: S&S DRY CLEANING
Facility Name: S & S DRY CLEANING
Facility Address: 755 WHITE PLAINS ROAD
BRONX, NY 10473
Enforcement Action Type: CAA 113A Admin Compliance Order (Non-Penalty)
Facility County: BRONX
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113A
Facility SIC Code: 7216
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.820477
Longitude in Decimal Degrees: -73.857891

S & S CLEANERS (Continued) **1000154119**

Permit Type Desc: Not reported
Program System Acronym: 27699
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: S & S CLEANERS
Address: 755 WHITE PLAINS ROAD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 7216

Facility Name: S & S CLEANERS
Address: 755 WHITE PLAINS ROAD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 7216

Facility Name: S & S CLEANERS
Address: 755 WHITE PLAINS ROAD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 7216

FINDS:
Registry ID: 110001603382

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

S & S CLEANERS (Continued) **1000154119**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000154119
Registry ID:	110001603382
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001603382
Name:	S & S CLEANERS
Address:	755 WHITE PLAINS ROAD
City,State,Zip:	BRONX, NY 10473

NY MANIFEST:

Name:	S &S CLNRS
Address:	755 WHITE PLAINS RD
City,State,Zip:	BRONX, NY 10473
Country:	USA
EPA ID:	NYD084645274
Facility Status:	Not reported
Location Address 1:	755 WHITE PLAINS RD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	10473
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD084645274
Mailing Name:	S &S CLNRS
Mailing Contact:	S &S CLNRS
Mailing Address 1:	755 WHITE PLAINS ROAD
Mailing Address 2:	Not reported
Mailing City:	BRONX
Mailing State:	NY
Mailing Zip:	10473
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2123284816

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJD000564906
Trans2 State ID:	MIK814262374
Generator Ship Date:	10/22/2008
Trans1 Recv Date:	10/22/2008
Trans2 Recv Date:	10/24/2008
TSD Site Recv Date:	10/25/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD084645274
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

S & S CLEANERS (Continued) **1000154119**

TSDF ID 1:	CDX107000000
TSDF ID 2:	Not reported
Manifest Tracking Number:	004565265JJK
Import Indicator:	N
Export Indicator:	Y
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H020
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	80
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	F002
Waste Code 1_2:	D039
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

G36 **VAULT 4181** **NY Spills** **S104510866**
NE **WHITE PLAINS RD?LAFFAYETE** **N/A**
< 1/8 **BRONX, NY**
0.117 mi.
617 ft. **Site 11 of 19 in cluster G**

Relative: SPILLS:
Lower

Actual:
11 ft.

Name:	VAULT 4181
Address:	WHITE PLAINS RD?LAFFAYETE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9914168 / 2002-03-26
Facility ID:	9914168
Facility Type:	ER
DER Facility ID:	134353
Site ID:	158986
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	0301
Spill Date:	2000-03-15
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	2000-03-15
CID:	207

VAULT 4181 (Continued) **S104510866**

Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-03-15
Spill Record Last Update:	2002-03-26
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	RICHARD ROACH
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL "
Remarks:	"con ed # 130418 saples taken - cleanup pending labs"

All Materials:

Site ID:	158986
Operable Unit ID:	1088689
Operable Unit:	01
Material ID:	555872
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

G37 **STEVENSON COMMONS** **SEMS-ARCHIVE** **1003864597**
NE **CORNER OF WHITE PLAINS RD. & LAFAYETTE** **NYSFN0204250**
< 1/8 **BRONX, NY 10473**
0.117 mi.
617 ft. **Site 12 of 19 in cluster G**

Relative: **Lower**
Actual: **11 ft.**

SEMS Archive:

Site ID:	0204250
EPA ID:	NYSFN0204250
Name:	STEVENSON COMMONS
Address:	CORNER OF WHITE PLAINS RD. & LAFAYETTE
Address 2:	AVENUE
City,State,Zip:	BRONX, NY 10473
Cong District:	Not reported
FIPS Code:	36005
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	02
Site ID:	0204250
EPA ID:	NYSFN0204250
Site Name:	STEVENSON COMMONS

STEVENSON COMMONS (Continued) **1003864597**

NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	2000-04-19 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse
Region:	02
Site ID:	0204250
EPA ID:	NYSFN0204250
Site Name:	STEVENSON COMMONS
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1999-10-01 04:00:00
Finish Date:	1999-10-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0204250
EPA ID:	NYSFN0204250
Site Name:	STEVENSON COMMONS
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	2000-01-25 05:00:00
Qual:	N
Current Action Lead:	EPA Perf

G38 **VAULT #5025** **NY Spills** **S104192699**
NE **LAFAYETTE/WHITE PLAINS RD** **N/A**
< 1/8 **BRONX, NY**
0.117 mi.
617 ft. **Site 13 of 19 in cluster G**

Relative: **Lower**
Actual: **11 ft.**

SPILLS:

Name:	VAULT #5025
Address:	LAFAYETTE/WHITE PLAINS RD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9904344 / 1999-11-08
Facility ID:	9904344
Facility Type:	ER
DER Facility ID:	252758
Site ID:	313467
DEC Region:	2

VAULT #5025 (Continued) **S104192699**

Spill Cause:	Unknown
Spill Class:	C4
SWIS:	0301
Spill Date:	1999-07-13
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	1999-07-13
CID:	252
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-07-13
Spill Record Last Update:	2000-06-05
Spiller Name:	UNKNOWN
Spiller Company:	Unknown
Spiller Address:	UNKNOWN
Spiller Company:	999
Contact Name:	MIKE CESARE
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT CON ED E2MIS NOTES 2 gals of unknown oil in 3 gals of water in vault#5025. Previously claned 7-08-99.There is a sewer connection at this location, sump unplugged, not known if oil entered sewer. DEC NOTES 7-14-99 E-Mailed ERTS for more information."
Remarks:	"SAMPLE TAKEN-CLEAN UP PENDING RESULTS. CON ED #126420"

All Materials:

Site ID:	313467
Operable Unit ID:	1078774
Operable Unit:	01
Material ID:	304229
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

G39 **VAULT 5025** **NY Spills** **S106736454**
NE **LAFAYETTE AVE / WHITE PLAINS RD** **N/A**
< 1/8 **BRONX, NY**
0.117 mi.
617 ft. **Site 14 of 19 in cluster G**

Relative: SPILLS:
Lower

Actual: Name:	VAULT 5025
11 ft. Address:	LAFAYETTE AVE / WHITE PLAINS RD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0410670 / 2005-04-08
Facility ID:	0410670

VAULT 5025 (Continued) **S106736454**

Facility Type:	ER
DER Facility ID:	270977
Site ID:	335700
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	0301
Spill Date:	2004-12-29
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	2004-12-29
CID:	77
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-12-29
Spill Record Last Update:	2005-10-28
Spiller Name:	ERT DESK
Spiller Company:	CON EDISON
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	ERT DESK
DEC Memo:	"e2mis no. 156703: 29-Dec-2004 05:10 Emergency #9 Trouble Shooter Hv R. Vargas 11201 reported while on location to inspect V-5025 due to an oil-minder alarm discovered 5.5 gallons of transformer oil in the sump. The sump pump was not operating at the time of the discovery and the oil is believed to be contained in the concrete sump. Env tag 40574 was placed and a pcb sample was taken on DD21142 and cleanup is pending a pressure test and sample results. Lab Sequence Number: 04-10792-001 - Total PCBs < 1 ppm 29-Dec-2004 13:00 hrs. Bx/West I&A Planner B. Markert # 58417 reported that the crew pressure checked the transformer and found no leaks. The oil in the vault had an appearance of automobile transmission fluid. Cleanup pending ID. sample. Lab Sequence Number: 04-10793-001 - ANALYSIS INDICATES THE PRESENCE OF A COOKING OIL. 30-Dec-2004 10:40 hrs. Bx/West Environmental Flush Mechanic T. Brown # 44432 reported that the CFS. tanker removed 280 gallons of liquid and the Flush removed ~ 50 Lbs. of solids. The vault was tripple washed and rinsed with 760 soap and water. There was no evidence of oil in the sump pump piping and the source of the cooking oil is unknown. CLEANUP COMPLETE, the crew removed Environmental tag # 40574."
Remarks:	"ref #156724. no to 5 questions. oil contained in concrete sump pump. samples to be taken."

All Materials:

Site ID:	335700
Operable Unit ID:	1097761
Operable Unit:	01
Material ID:	577807
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported

VAULT 5025 (Continued) **S106736454**

Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

G40 **LAFAYETTE AVE AND** **NY Spills** **S104192467**
NE **WHITE PLAINS RD LAFAYETTE** **N/A**
< 1/8 **BRONX, NY**
0.117 mi.
617 ft. **Site 15 of 19 in cluster G**

Relative: **Lower**

Actual: **11 ft.**

SPILLS:

Name:	LAFAYETTE AVE AND
Address:	WHITE PLAINS RD LAFAYETTE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9904100 / 2003-06-25
Facility ID:	9904100
Facility Type:	ER
DER Facility ID:	106691
Site ID:	123086
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	0301
Spill Date:	1999-07-06
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	1999-07-06
CID:	282
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-07-07
Spill Record Last Update:	2003-06-26
Spiller Name:	Not reported
Spiller Company:	UKNOWN FOR NOW
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	RICHARD ROACH
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT E2MIS 126230 JULY 7, 1999 A SEPULVEDA REPORTS THAT HE DISCOVER APPROX.20 GALS. OF UNKNOWN OIL AND 15 GALS. OF WATER IN V5025 WHILE CLOSING THE NWP ON V5025. A SAMPLE WAS TAKEN FOR PCB AND REQUESTING A 4-6 HRS. TURN AROUND. TAG #15912 WAS HUNG. ACCORDING TO CONDUIT PLATE 10-R THERE'S A SEWER CONNECTION AT THIS LOCATION. THE MECH. REPORTS THAT THERE A SUMP PUMP AT THIS LOCATION, BUT ON ARRIVED THE PUMP WAS NOT RUNNING. IT'S UNKNOWN WHEATHER OIL ENTER THE SEWER WE WILL INVESTIGATE WHEN ABLE TO GET TO DRAIN. A TANKER HAS BEEN ORDER ALONG WITH A EPA ID NUMBER. THE CLEAN UP WILL BEGIN WHEN THE TANKER ARRIVE ON LOCATION. S.DIXON 001 SAMPLE TYPE: GREASE 1260 <1.00

LAFAYETTE AVE AND (Continued) **S104192467**

PPM EQUIPMENT : H397950 LOCATION : LAFAYETTE & WHITE PLAINS RD. VAULT: V5025 FDR: N/A PHASE: N/A CINDE ID# : QAQC ID : 06-199907061720 CLEANUP COMPLETE 7/8 AT 0600 06-JAN-2003 02:18 Cleanup performed as per GEI 3.05, double washed and rinsed. "

Remarks: "CON ED HAS 20 GALLONS OF OIL SITTING ON TOP OF 15 GALLONS OF WATER IN VAULT 5025.THEY WILL START CLEANUP AND HAVE ORDERED THE TANKER TO CLEAN IT UP CON ED 126230"

All Materials:

Site ID:	123086
Operable Unit ID:	1083043
Operable Unit:	01
Material ID:	303993
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

G41 **CON EDISON VAULT: 4181** **RCRA NonGen / NLR 1016969339**
NE **WHITE PLAINS RD & LAFAYETTE** **NY MANIFEST NYP004429981**
< 1/8 **BRONX, NY 10456**
0.117 mi.
618 ft. **Site 16 of 19 in cluster G**

Relative: **Lower**

Actual: **10 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2014-02-28 00:00:00.0
Facility name:	CON EDISON VAULT: 4181
Facility address:	WHITE PLAINS RD & LAFAYETTE AVE BRONX, NY 10456
EPA ID:	NYP004429981
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No

CON EDISON VAULT: 4181 (Continued) **1016969339**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2014-01-30 00:00:00.0
Site name: CON EDISON VAULT: 4181
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
Name: CON ED
Address: WHITE PLAINS RD & LAFAYETTE
City,State,Zip: BRONX, NY 10456
Country: USA
EPA ID: NYP004429981
Facility Status: Not reported
Location Address 1: WHITE PLAINS RD AND LAFAYETTE AVE
Code: BP
Location Address 2: V 4181
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10473
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004429981
Mailing Name: CON ED
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 01/30/2014
Trans1 Recv Date: 01/30/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/06/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004429981

CON EDISON VAULT: 4181 (Continued) **1016969339**

Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	011696396JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	2000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

J42 **3- FAMILY DWELLING** **NY Spills** **S109059591**
WSW **710 SOUNDVIEW AVE** **N/A**
< 1/8 **BRONX, NY**
0.125 mi.
659 ft. **Site 2 of 2 in cluster J**

Relative: SPILLS:
Higher

Name:	3- FAMILY DWELLING
Address:	710 SOUNDVIEW AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0712038 / 2008-03-05
Facility ID:	0712038
Facility Type:	ER
DER Facility ID:	343200
Site ID:	393600
DEC Region:	2
Spill Cause:	Traffic Accident
Spill Class:	C3
SWIS:	0301
Spill Date:	2008-02-14
Investigator:	RMPIPER
Referred To:	Not reported

Actual:
24 ft.

3- FAMILY DWELLING (Continued) **S109059591**

Reported to Dept:	2008-02-14
CID:	444
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-02-14
Spill Record Last Update:	2008-03-05
Spiller Name:	MIGUEL RIVERA
Spiller Company:	3- FAMILY DWELLING
Spiller Address:	710 SOUNDVIEW AVE
Spiller Company:	001
Contact Name:	MIGUEL RIVERA
DEC Memo:	"02/14/2008- Ahmed, Hasan - Talked to Shawn Donohue of NYC DEP (718 595 5000). As per him, person named Miguel Rivera (347 861 9235) called 911 to report that gasoline was leaking on the soil from a jet ski boat or car. He had no more information. Hasan called Micheal Rivera, could reach the person and left a voice message to call back. Piper drove by site and did not observe evidence of leak. Closed."
Remarks:	"reporter states that a jet ski, boat and car are leaking at above address"

All Materials:

Site ID:	393600
Operable Unit ID:	1150564
Operable Unit:	01
Material ID:	2141190
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

G43 **ADLAI STEVENSON HIGH SCHOOL** **RCRA-SQG 1001090310**
ENE **1980 LAFAYETTE AVE** **FINDS NYR000021477**
1/8-1/4 **BRONX, NY 10473** **ECHO**
0.125 mi. **NY MANIFEST**
661 ft. **Site 17 of 19 in cluster G**

Relative: **Lower**
Actual: **10 ft.**

RCRA-SQG:

Date form received by agency:	2009-10-15 00:00:00.0
Facility name:	NYC DEPT OF ED - ADLAI E STEVENSON HIGH SCHOOL AT X450
Facility address:	1980 LAFAYETTE AVE BRONX, NY 10473
EPA ID:	NYR000021477
Mailing address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact:	ALEXANDER LEMPERT
Contact address:	THOMSON AVE

ADLAI STEVENSON HIGH SCHOOL (Continued) **1001090310**

LONG ISLAND CITY, NY 11101
Contact country: US
Contact telephone: 718-752-8501
Contact email: ALEMPERT@NYCSCA.ORG
EPA Region: 02
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NYC DEPT OF SCHOOL FACILITIES
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 1970-01-01 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: NYC DEPT OF EDUCATION
Owner/operator address: THOMSON AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 1970-01-01 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

ADLAI STEVENSON HIGH SCHOOL (Continued) **1001090310**

Historical Generators:
Date form received by agency: 2007-01-01 00:00:00.0
Site name: ADLAI E STEVENSON HIGH SCHOOL
Classification: Not a generator, verified

Date form received by agency: 2006-01-01 00:00:00.0
Site name: ADLAI E STEVENSON HIGH SCHOOL
Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0
Site name: ADLAI E STEVENSON HIGH SCHOOL
Classification: Not a generator, verified

Date form received by agency: 1996-03-27 00:00:00.0
Site name: ADLAI E STEVENSON HIGH SCHOOL
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

Violation Status: No violations found

FINDS:
Registry ID: 110004523436

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001090310
Registry ID: 110004523436
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004523436
Name: ADLAI STEVENSON HIGH SCHOOL
Address: 1980 LAFAYETTE AVE
City,State,Zip: BRONX, NY 10473

ADLAI STEVENSON HIGH SCHOOL (Continued) **1001090310**

NY MANIFEST:

Name:	ADLER E STEVENSON HS
Address:	1980 LAFAYETTE AVE
City,State,Zip:	BRONX, NY 10473-2525
Country:	USA
EPA ID:	NYR000021477
Facility Status:	Not reported
Location Address 1:	1980 LAFAYETTE AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	10473
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000021477
Mailing Name:	ADLER E STEVENSON HS
Mailing Contact:	MARC FRIEDMAN
Mailing Address 1:	1980 LAFAYETTE AVE
Mailing Address 2:	Not reported
Mailing City:	BRONX
Mailing State:	NY
Mailing Zip:	10473
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7189182700

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	MAC300016672
Trans2 State ID:	Not reported
Generator Ship Date:	10/28/2013
Trans1 Recv Date:	10/28/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/29/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000021477
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD077444263
TSDF ID 2:	Not reported
Manifest Tracking Number:	004163669FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported

ADLAI STEVENSON HIGH SCHOOL (Continued) **1001090310**

Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D007
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

G44 **ADLAI E. STEVENSON H.S. - BRONX X450** **NY AST** **U003394113**
ENE **1980 LAFAYETTE AVENUE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.125 mi.
661 ft. **Site 18 of 19 in cluster G**

Relative: **Lower**

Actual: **10 ft.**

AST:

Name:	ADLAI E. STEVENSON H.S. - BRONX X450
Address:	1980 LAFAYETTE AVENUE
City,State,Zip:	BRONX, NY 10473
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-352632
Program Type:	PBS
UTM X:	596481.72500
UTM Y:	4519645.28119
Expiration Date:	06/28/2023
Site Type:	School

Affiliation Records:

Site Id:	17460
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	KEN MAHADEO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 210-7918
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI

ADLAI E. STEVENSON H.S. - BRONX X450 (Continued) **U003394113**

Date Last Modified: 2018-12-06

Site Id: 17460
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: MANAGER FUEL DIVISION
Contact Name: MUNENDRA SHARMA
Address1: 44-36 VERNON BOULEVARD
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2018-06-11

Site Id: 17460
Affiliation Type: Facility Operator
Company Name: ADLAI E. STEVENSON H.S. - BRONX X450
Contact Type: Not reported
Contact Name: EDDIE ROSADO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 892-6167
EMail: Not reported
Fax Number: Not reported
Modified By: HDDUPIGN
Date Last Modified: 2016-04-04

Site Id: 17460
Affiliation Type: Mail Contact
Company Name: NYC DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: MUNENDRA SHARMA
Address1: FIELD OPERATIONS-FUEL DIVISION
Address2: 44-36 VERNON BOULEVARD
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5752
EMail: MSHARMA@SCHOOLS.NYC.GOV
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2020-02-04

Tank Info:

Tank Number: 001
Tank Id: 34226

ADLAI E. STEVENSON H.S. - BRONX X450 (Continued) **U003394113**

Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
G02 - Tank Secondary Containment - Vault (w/access)
L00 - Piping Leak Detection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
K00 - Spill Prevention - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/02/1970
Capacity Gallons: 20000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DMPOKRZY
Last Modified: 04/16/2018
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 002
Tank Id: 34227
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
G02 - Tank Secondary Containment - Vault (w/access)
L00 - Piping Leak Detection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I04 - Overfill - Product Level Gauge (A/G)
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated

ADLAI E. STEVENSON H.S. - BRONX X450 (Continued) **U003394113**

	above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	02/02/1970
Capacity Gallons:	20000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMPOKRZY
Last Modified:	04/16/2018
Material Name:	#2 fuel oil (on-site consumption)

G45 **NYC DEPT OF ED - ADLAI E STEVENSON HIGH SCHOOL AT** **NJ MANIFEST** **S122377666**
ENE **1980 LAFAYETTE AVE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.125 mi.
661 ft. **Site 19 of 19 in cluster G**

Relative: NJ MANIFEST:
Lower

EPA Id:	NYR000021477
Mail Address:	THOMSON AVE
Mail City/State/Zip:	LONG ISLAND CITY, NY 11101
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	ALEXANDER LEMPERT
Comments:	Not reported
SIC Code:	Not reported
County:	NY005
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Actual:
10 ft.

Manifest:

Manifest Number:	009406292FLE
EPA ID:	NYR000021477
Date Shipped:	3/22/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR986628162
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported

NYC DEPT OF ED - ADLAI E STEVENSON HIGH SCHOOL AT X450 (Continued) **S122377666**

Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	LONG ISLAND CITY, NY 11101
Reason Load Was Rejected:	Not reported

I46 **P.S 182 - BRONX X182** **NY AST** **U003394097**
ESE **601 NEWMAN AVENUE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.128 mi.
676 ft. **Site 3 of 3 in cluster I**

Relative:
Lower

Actual:
11 ft.

AST:

Name:	P.S 182 - BRONX X182
Address:	601 NEWMAN AVENUE
City,State,Zip:	BRONX, NY 10473
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-352470
Program Type:	PBS
UTM X:	596407.21680
UTM Y:	4519289.09167
Expiration Date:	06/28/2023
Site Type:	School

Affiliation Records:

Site Id:	17445
Affiliation Type:	Facility Owner
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	MANAGER, FUEL DIVISION
Contact Name:	MUNENDRA SHARMA
Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752

P.S 182 - BRONX X182 (Continued) **U003394097**

EMail: Not reported
Fax Number: Not reported
Modified By: ACDANIEL
Date Last Modified: 2018-07-17

Site Id: 17445
Affiliation Type: Emergency Contact
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: KEN MAHADEO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (646) 210-7918
EMail: Not reported
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2018-12-06

Site Id: 17445
Affiliation Type: Facility Operator
Company Name: P.S 182 - BRONX X182
Contact Type: Not reported
Contact Name: THOMAS O'REILLY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 823-8661
EMail: Not reported
Fax Number: Not reported
Modified By: HDDUPIGN
Date Last Modified: 2016-04-04

Site Id: 17445
Affiliation Type: Mail Contact
Company Name: NYC DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: MUNENDRA SHARMA
Address1: FIELD OPERATIONS-FUEL DIVISION
Address2: 44-36 VERNON BOULEVARD
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5752
EMail: MSHARMA@SCHOOLS.NYC.GOV
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2020-02-04

P.S 182 - BRONX X182 (Continued) **U003394097**

Tank Info:

Tank Number:	001
Tank Id:	34186
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
G02 - Tank Secondary Containment - Vault (w/access)
I05 - Overfill - Vent Whistle
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/03/1975
Capacity Gallons:	7500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMPOKRZY
Last Modified:	04/13/2018
Material Name:	#4 fuel oil (on-site consumption)

Tank Number:	002
Tank Id:	34187
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)

Equipment Records:

E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
G02 - Tank Secondary Containment - Vault (w/access)
I05 - Overfill - Vent Whistle
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

P.S 182 - BRONX X182 (Continued) **U003394097**

	I04 - Overfill - Product Level Gauge (A/G)
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/03/1975
Capacity Gallons:	7500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMPOKRZY
Last Modified:	04/13/2018
Material Name:	#4 fuel oil (on-site consumption)

K47 **CON ED** **NY MANIFEST** **S119076373**
NE **TURNBULL AVE & WHITE PLAINS RD** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.133 mi.
703 ft. **Site 1 of 16 in cluster K**

Relative: **Lower**
Actual: **12 ft.**

NY MANIFEST:

Name:	CON ED
Address:	TURNBULL AVE & WHITE PLAINS RD
City,State,Zip:	BRONX, NY 10473
Country:	USA
EPA ID:	NYP004804092
Facility Status:	Not reported
Location Address 1:	TURNBULL AV AND WHITE PLAINS RD
Code:	BP
Location Address 2:	BC 27066
Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	10473
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004804092
Mailing Name:	CON ED
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJ0000027193

CON ED (Continued) **S119076373**

Trans2 State ID:	Not reported
Generator Ship Date:	07/08/2015
Trans1 Recv Date:	07/08/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/08/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004804092
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014466548JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

K48 **CON EDISON** **NY MANIFEST** **S118257640**
NE **TURNBULL AVE & WHITE PLAINS RD** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.133 mi.
703 ft. **Site 2 of 16 in cluster K**

Relative: NY MANIFEST:
Lower

Name:	CON EDISON
Address:	TURNBULL AVE & WHITE PLAINS RD
City,State,Zip:	BRONX, NY 10473
Country:	USA
EPA ID:	NYP004804076
Facility Status:	Not reported
Location Address 1:	TURNBULL AVE & WHITE PLAINS RD

Actual:
12 ft.

CON EDISON (Continued) **S118257640**

Code: BP
Location Address 2: VS 860
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004804076
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 07/08/2015
Trans1 Recv Date: 07/08/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/08/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004804076
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014466545JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported

CON EDISON (Continued) **S118257640**

Quantity:	1000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

K49 **CON EDISON** **NJ MANIFEST** **S120673647**
NE **TURNBULL AVE & WHITE PLAINS RD** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.133 mi.
703 ft. **Site 3 of 16 in cluster K**

Relative: **Lower**
Actual: **12 ft.**

NJ MANIFEST:

EPA Id:	NYP004804100
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY005
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014466547JJK
EPA ID:	NYP004804100
Date Shipped:	7/8/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported

CON EDISON (Continued) **S120673647**

Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

K50 **CON EDISON** **NJ MANIFEST** **S120673646**
NE **TURNBULL AVE & WHITE PLAINS RD** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.133 mi.
703 ft. **Site 4 of 16 in cluster K**

Relative: **Lower**

Actual: **12 ft.**

NJ MANIFEST:

EPA Id:	NYP004804092
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY005
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014466548JJK
EPA ID:	NYP004804092
Date Shipped:	7/8/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported

CON EDISON (Continued) **S120673646**

Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

K51 **CON EDISON** **RCRA NonGen / NLR** **1019904954**
NE **TURNBULL AVE & WHITE PLAINS RD** **NYP004804084**
1/8-1/4 **BRONX, NY 10473**
0.133 mi.
703 ft. **Site 5 of 16 in cluster K**

Relative: RCRA NonGen / NLR:
Lower

Date form received by agency:	2015-07-08 00:00:00.0
Facility name:	CON EDISON
Facility address:	TURNBULL AVE & WHITE PLAINS RD VAULT699 BRONX, NY 10473
EPA ID:	NYP004804084
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Actual:
12 ft.

CON EDISON (Continued) **1019904954**

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Historical Generators:
- Date form received by agency: 2015-07-08 00:00:00.0
- Site name: CON EDISON
- Classification: Large Quantity Generator

Violation Status: No violations found

K52 **CON ED** **NY MANIFEST** **S119076372**
NE **TURNBULL AVE & WHITE PLAINS RD** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.133 mi.
703 ft. **Site 6 of 16 in cluster K**

Relative: **Lower**
Actual: **12 ft.**

NY MANIFEST:
- Name: CON ED
- Address: TURNBULL AVE & WHITE PLAINS RD
- City,State,Zip: BRONX, NY 10473
- Country: USA
- EPA ID: NYP004804084
- Facility Status: Not reported
- Location Address 1: TURNBULL AV AND WHITE PLAINS RD
- Code: BP
- Location Address 2: V 5699
- Total Tanks: Not reported
- Location City: BRONX
- Location State: NY
- Location Zip: 10473
- Location Zip 4: Not reported

NY MANIFEST:
- EPAID: NYP004804084
- Mailing Name: CON ED
- Mailing Contact: TOM TEELING
- Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
- Mailing Address 2: Not reported
- Mailing City: NEW YORK
- Mailing State: NY
- Mailing Zip: 10003
- Mailing Zip 4: Not reported
- Mailing Country: USA
- Mailing Phone: 2124603770

CON ED (Continued) **S119076372**

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	07/08/2015
Trans1 Recv Date:	07/08/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/08/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004804084
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014466546JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

K53 **CON EDISON** **NJ MANIFEST** **S120673645**
NE **TURNBULL AVE & WHITE PLAINS RD** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.133 mi.
703 ft. **Site 7 of 16 in cluster K**

Relative:
Lower

Actual:
12 ft.

NJ MANIFEST:

EPA Id:	NYP004804084
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY005
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014466546JJK
EPA ID:	NYP004804084
Date Shipped:	7/8/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

CON EDISON (Continued) **S120673645**

Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

K54 **CON EDISON** **NY MANIFEST** **S119076263**
NE **WHITEPLAIN RD & TURNBULL AVE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.133 mi.
703 ft. **Site 8 of 16 in cluster K**

Relative:
Lower

Actual:
12 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	WHITEPLAIN RD & TURNBULL AVE
City,State,Zip:	BRONX, NY 10473
Country:	USA
EPA ID:	NYP004802146
Facility Status:	Not reported
Location Address 1:	WHITE PLAINS RD & TRUMSULL AVE
Code:	BP
Location Address 2:	V 3054
Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004802146
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	07/02/2015
Trans1 Recv Date:	07/02/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/02/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004802146
Trans1 EPA ID:	Not reported

CON EDISON (Continued) **S119076263**

Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014466505JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

K55 **CON EDISON** **RCRA NonGen / NLR** **1019904953**
NE **TURNBULL AVE & WHITE PLAINS RD** **NYP004804076**
1/8-1/4 **BRONX, NY 10473**
0.133 mi.
703 ft. **Site 9 of 16 in cluster K**

Relative: **Lower**

Actual: **12 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2015-07-08 00:00:00.0
Facility name:	CON EDISON
Facility address:	TURNBULL AVE & WHITE PLAINS RD VAULT860 BRONX, NY 10473
EPA ID:	NYP004804076
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator

CON EDISON (Continued) **1019904953**

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2015-07-08 00:00:00.0
Site name:	CON EDISON
Classification:	Large Quantity Generator

Violation Status: No violations found

K56 **CON EDISON** **NJ MANIFEST** **S120673469**
NE **WHITEPLAIN RD & TURNBULL AVE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.133 mi.
703 ft. **Site 10 of 16 in cluster K**

Relative: **Lower**
Actual: **12 ft.**

NJ MANIFEST:

EPA Id:	NYP004802146
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY005
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014466505JJK
EPA ID:	NYP004802146
Date Shipped:	7/2/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported

CON EDISON (Continued) **S120673469**

Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

K57 **CON EDISON MANHOLE 27267** **RCRA NonGen / NLR** **1010787493**
NE **WHITE PLAINS RD & TURNBULL AVE** **NYP004150181**
1/8-1/4 **BRONX, NY 10473**
0.133 mi.
703 ft. **Site 11 of 16 in cluster K**

Relative: **Lower**

Actual: **12 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2008-03-15 00:00:00.0
Facility name:	CON EDISON MANHOLE 27267
Facility address:	WHITE PLAINS RD & TURNBULL AVE BRONX, NY 10473
EPA ID:	NYP004150181
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	MICHAEL D'AGOSTINO
Contact address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact country:	US
Contact telephone:	212-580-8383
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator

CON EDISON MANHOLE 27267 (Continued) **1010787493**

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2008-03-14 00:00:00.0
Site name: CON EDISON
Classification: Unverified

Violation Status: No violations found

K58 **CON EDISON** **RCRA NonGen / NLR** **1019904956**
NE **TURNBULL AVE & WHITE PLAINS RD** **NYP004804100**
1/8-1/4 **BRONX, NY 10473**
0.133 mi.
703 ft. **Site 12 of 16 in cluster K**

Relative: **Lower**
Actual: **12 ft.**

RCRA NonGen / NLR:
Date form received by agency: 2015-07-08 00:00:00.0
Facility name: CON EDISON
Facility address: TURNBULL AVE & WHITE PLAINS RD
VAULT402
BRONX, NY 10473
EPA ID: NYP004804100
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

CON EDISON (Continued) **1019904956**

Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2015-07-08 00:00:00.0
Site name:	CON EDISON
Classification:	Large Quantity Generator

Violation Status: No violations found

K59 **CON EDISON** **NJ MANIFEST** **S120673644**
NE **TURNBULL AVE & WHITE PLAINS RD** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.133 mi.
703 ft. **Site 13 of 16 in cluster K**

Relative:
Lower

Actual:
12 ft.

NJ MANIFEST:

EPA Id:	NYP004804076
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY005
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014466545JJK
EPA ID:	NYP004804076
Date Shipped:	7/8/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported

CON EDISON (Continued) **S120673644**

Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

K60 **CON ED** **NY MANIFEST** **S119076374**
NE **TURNBULL AVE & WHITE PLAINS RD** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.133 mi.
703 ft. **Site 14 of 16 in cluster K**

Relative:
Lower

Actual:
12 ft.

NY MANIFEST:

Name:	CON ED
Address:	TURNBULL AVE & WHITE PLAINS RD
City,State,Zip:	BRONX, NY 10473
Country:	USA
EPA ID:	NYP004804100
Facility Status:	Not reported
Location Address 1:	TURNBULL AVE AND WHITE PLAINS RD
Code:	BP
Location Address 2:	VS 402
Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	10473
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004804100
Mailing Name:	CON ED
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003

CON ED (Continued) **S119076374**

Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	07/08/2015
Trans1 Recv Date:	07/08/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/08/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004804100
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014466547JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	2000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D003
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

K61
NE
1/8-1/4
0.133 mi.
703 ft.

CON EDISON
TURNBULL AVE & WHITE PLAINS RD
BRONX, NY 10473

Site 15 of 16 in cluster K

RCRA NonGen / NLR **1019904785**
FINDS **NYP004802146**
ECHO

Relative:
Lower

Actual:
12 ft.

RCRA NonGen / NLR:

Date form received by agency:	2015-07-02 00:00:00.0
Facility name:	CON EDISON
Facility address:	WHITEPLAIN RD & TURNBULL AVE BRONX, NY 10473
EPA ID:	NYP004802146
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2015-07-02 00:00:00.0
Site name:	CON EDISON
Classification:	Large Quantity Generator
Violation Status:	No violations found

FINDS:

Registry ID: 110069648402

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

CON EDISON (Continued) **1019904785**

corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1019904785
Registry ID:	110069648402
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069648402
Name:	CON EDISON
Address:	TURNBULL AVE & WHITE PLAINS RD
City,State,Zip:	BRONX, NY 10473

K62 **CON EDISON** **RCRA NonGen / NLR** **1019904955**
NE **TURNBULL AVE & WHITE PLAINS RD** **NYP004804092**
1/8-1/4 **BRONX, NY 10473**
0.133 mi.
703 ft. **Site 16 of 16 in cluster K**

Relative:
Lower

Actual:
12 ft.

RCRA NonGen / NLR:

Date form received by agency:	2015-07-08 00:00:00.0
Facility name:	CON EDISON
Facility address:	TURNBULL AVE & WHITE PLAINS RD VAULT27066 BRONX, NY 10473
EPA ID:	NYP004804092
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2015-07-08 00:00:00.0

CON EDISON (Continued) **1019904955**

Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

L63 **PARK LANE** **NY UST** **U001836086**
NE **1965 LAFAYETTE AVENUE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.144 mi.
761 ft. **Site 1 of 2 in cluster L**

Relative:
Lower

Actual:
10 ft.

UST:
Name: PARK LANE
Address: 1965 LAFAYETTE AVENUE
City,State,Zip: BRONX, NY 10473
Id/Status: 2-237639 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 07/20/2022
UTM X: 596445.34323
UTM Y: 4519681.67129
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 8865
Affiliation Type: Facility Owner
Company Name: PARK LANE RESIDENCE CO
Contact Type: DIRECTOR OF FIELD OPERATIONS
Contact Name: JOHN MULHOLLAND
Address1: 1230 PENNSYLVANIA AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11239
Country Code: 001
Phone: (718) 240-4664
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-06-29

Site Id: 8865
Affiliation Type: Mail Contact
Company Name: GRENADIER REALTY
Contact Type: Not reported
Contact Name: JOHN MULHOLLAND
Address1: 1230 PENNSYLVANIA AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11239
Country Code: 001
Phone: (718) 240-4664
EMail: JMULHOLLAND@GRCREALTY.COM
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-06-29

PARK LANE (Continued) **U001836086**

Site Id:	8865
Affiliation Type:	Facility Operator
Company Name:	PARK LANE
Contact Type:	Not reported
Contact Name:	MANUEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 996-4917
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-11-14

Site Id:	8865
Affiliation Type:	Emergency Contact
Company Name:	PARK LANE RESIDENCE CO
Contact Type:	Not reported
Contact Name:	JOHN MULHOLLAND
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 240-4664
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-29

Tank Info:

Tank Number:	001
Tank ID:	17284
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	20000
Install Date:	12/01/1971
Date Tank Closed:	10/29/2013
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MFLEONAR
Last Modified:	06/29/2017

Equipment Records:

PARK LANE (Continued) **U001836086**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

L64 **PARK LANE** **NY AST** **A100384602**
NE **1965 LAFAYETTE AVENUE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.144 mi.
761 ft. **Site 2 of 2 in cluster L**

Relative: **Lower**

Actual: **10 ft.**

AST:

Name:	PARK LANE
Address:	1965 LAFAYETTE AVENUE
City,State,Zip:	BRONX, NY 10473
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-237639
Program Type:	PBS
UTM X:	596445.34323
UTM Y:	4519681.67129
Expiration Date:	07/20/2022
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	8865
Affiliation Type:	Facility Owner
Company Name:	PARK LANE RESIDENCE CO
Contact Type:	DIRECTOR OF FIELD OPERATIONS
Contact Name:	JOHN MULHOLLAND
Address1:	1230 PENNSYLVANIA AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11239
Country Code:	001
Phone:	(718) 240-4664
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-29

Site Id:	8865
Affiliation Type:	Mail Contact
Company Name:	GRENADIER REALTY
Contact Type:	Not reported
Contact Name:	JOHN MULHOLLAND
Address1:	1230 PENNSYLVANIA AVENUE
Address2:	Not reported

PARK LANE (Continued) **A100384602**

City:	BROOKLYN
State:	NY
Zip Code:	11239
Country Code:	001
Phone:	(718) 240-4664
EMail:	JMULHOLLAND@GRCREALTY.COM
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-29

Site Id:	8865
Affiliation Type:	Facility Operator
Company Name:	PARK LANE
Contact Type:	Not reported
Contact Name:	MANUEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 996-4917
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-11-14

Site Id:	8865
Affiliation Type:	Emergency Contact
Company Name:	PARK LANE RESIDENCE CO
Contact Type:	Not reported
Contact Name:	JOHN MULHOLLAND
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 240-4664
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-29

Tank Info:

Tank Number:	002
Tank Id:	250246

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
G10 - Tank Secondary Containment - Impervious Underlayment
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None

PARK LANE (Continued) **A100384602**

J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
I05 - Overfill - Vent Whistle
G02 - Tank Secondary Containment - Vault (w/access)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	02/06/2013
Capacity Gallons:	5000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MFLEONAR
Last Modified:	06/29/2017
Material Name:	#2 fuel oil (on-site consumption)

M65 **REGAL CLEANERS** **NY DRYCLEANERS** **S106435306**
SSW **609 SOUNDVIEW AVE.** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.146 mi.
772 ft. **Site 1 of 3 in cluster M**

Relative:
Higher

Actual:
29 ft.

DRYCLEANERS:

Name:	REGAL CLEANERS
Address:	609 SOUNDVIEW AVE.
City,State,Zip:	BRONX, NY 10473
Facility ID:	2-6007-00248
Phone Number:	718-842-7685
Region:	Not reported
Registration Effective Date:	N/A
Inspection Date:	15DEC16
Install Date:	94/03/15
Drop Shop:	Not reported
Shutdown:	Y
Alternate Solvent:	Not reported
Current Business:	Not reported

M66 **REGAL CLEANERS** **RCRA NonGen / NLR** **1000147428**
SSW **609 SOUNDVIEW AVE** **ICIS** **NYD982277428**
1/8-1/4 **BRONX, NY 10473** **US AIRS**
0.146 mi. **FINDS**
772 ft. **Site 2 of 3 in cluster M** **ECHO**
NY MANIFEST

Relative:
Higher

Actual:
29 ft.

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	REGAL CLEANERS
Facility address:	609 SOUNDVIEW AVE BRONX, NY 10473

REGAL CLEANERS (Continued) **1000147428**

EPA ID: NYD982277428
Mailing address: SOUNDVIEW AVE
BRONX, NY 10473
Contact: Not reported
Contact address: SOUNDVIEW AVE
BRONX, NY 10473
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: KUMJA CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: KUMJA CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

REGAL CLEANERS (Continued) **1000147428**

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: REGAL CLEANERS
Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0
Site name: REGAL CLEANERS
Classification: Not a generator, verified

Date form received by agency: 1992-03-11 00:00:00.0
Site name: REGAL CLEANERS
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

ICIS:
Enforcement Action ID: NY000A0000260070024800312
FRS ID: 110001603319
Action Name: REGAL CLEANERS 360050045600312
Facility Name: REGAL CLEANERS
Facility Address: 609 SOUNDVIEW AVE
BRONX, NY 104732945
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 7216
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.81764
Longitude in Decimal Degrees: -73.86219
Permit Type Desc: Not reported
Program System Acronym: NY0000002600700248
Facility NAICS Code: 812320
Tribal Land Code: Not reported

US AIRS MINOR:
Envid: 1000147428
Region Code: 02
Programmatic ID: AIR NY0000002600700248
Facility Registry ID: 110001603319
D and B Number: Not reported

REGAL CLEANERS (Continued) **1000147428**

Primary SIC Code: 7216
NAICS Code: 812320
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000002600700248
Facility Registry ID: 110001603319
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 1998-02-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600700248
Facility Registry ID: 110001603319
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2000-02-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600700248
Facility Registry ID: 110001603319
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2001-02-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600700248
Facility Registry ID: 110001603319
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2002-02-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600700248

REGAL CLEANERS (Continued) **1000147428**

Facility Registry ID: 110001603319
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2007-06-05 00:00:00
Activity Status Date: 2007-06-05 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002600700248
Facility Registry ID: 110001603319
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-02-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600700248
Facility Registry ID: 110001603319
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-02-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600700248
Facility Registry ID: 110001603319
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-02-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:
Registry ID: 110001603319

Click Here:

Environmental Interest/Information System:
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for

REGAL CLEANERS (Continued) **1000147428**

information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.
AIR MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000147428
Registry ID:	110001603319
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001603319
Name:	REGAL CLEANERS
Address:	609 SOUNDVIEW AVE
City,State,Zip:	BRONX, NY 10473

NY MANIFEST:

Name:	REGAL CLEANERS
Address:	609 SOUNDVIEW AVE
City,State,Zip:	BRONX, NY 10473
Country:	USA
EPA ID:	NYD982277428
Facility Status:	Not reported
Location Address 1:	609 SOUNDUIE AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	10473
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD982277428
Mailing Name:	REGAL CLEANERS
Mailing Contact:	REGAL CLEANERS
Mailing Address 1:	C/O SIGFREDO DELGADO-2052
Mailing Address 2:	Not reported
Mailing City:	HERMANY AVE-BRONX
Mailing State:	NY
Mailing Zip:	10473
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2128427685

REGAL CLEANERS (Continued) **1000147428**

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJD000564906
Trans2 State ID:	MIK814262374
Generator Ship Date:	11/30/2015
Trans1 Recv Date:	11/30/2015
Trans2 Recv Date:	12/04/2015
TSD Site Recv Date:	12/04/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982277428
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	CDX107000000
TSDF ID 2:	Not reported
Manifest Tracking Number:	013918755JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H020
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	130
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	F002
Waste Code 1_2:	D039
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

N67 **CON EDISON** **NJ MANIFEST** **S120671384**
NW **877 TAYLOR AVE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.147 mi.
777 ft. **Site 1 of 6 in cluster N**

Relative:
Lower

Actual:
12 ft.

NJ MANIFEST:

EPA Id:	NYP004778189
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY005
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002660775GBF
EPA ID:	NYP004778189
Date Shipped:	5/4/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

CON EDISON (Continued) **S120671384**

Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

N68 **CON EDISON** **RCRA NonGen / NLR** **1019902817**
NW **877 TAYLOR AVE** **NYP004778189**
1/8-1/4 **BRONX, NY 10473**
0.147 mi.
777 ft. **Site 2 of 6 in cluster N**

Relative:
Lower

Actual:
12 ft.

RCRA NonGen / NLR:

Date form received by agency:	2015-05-04 00:00:00.0
Facility name:	CON EDISON
Facility address:	877 TAYLOR AVE BRONX, NY 10473
EPA ID:	NYP004778189
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2015-05-04 00:00:00.0
Site name:	CON EDISON
Classification:	Large Quantity Generator

Violation Status: No violations found

N69 **CON EDISON** **NY MANIFEST** **S119075059**
NW **877 TAYLOR AVE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.147 mi.
777 ft. **Site 3 of 6 in cluster N**

Relative:
Lower

Actual:
12 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	877 TAYLOR AVE
City,State,Zip:	BRONX, NY 10473
Country:	USA
EPA ID:	NYP004778189
Facility Status:	Not reported
Location Address 1:	OPP 877 TAYLOR AVE
Code:	BP
Location Address 2:	MH 26715
Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	10473
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004778189
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	05/04/2015
Trans1 Recv Date:	05/04/2015
Trans2 Recv Date:	05/08/2015
TSD Site Recv Date:	05/08/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004778189
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002660775GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S119075059**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

O70 **CON EDISON** **NY MANIFEST** **S117314513**
South **FO 600 THIERIOT AVE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.147 mi.
778 ft. **Site 1 of 4 in cluster O**

Relative: **Higher**
Actual: **29 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	FO 600 THIERIOT AVE
City,State,Zip:	BRONX, NY 10473
Country:	USA
EPA ID:	NYP004615746
Facility Status:	Not reported
Location Address 1:	FO 600 THIERIOT AVE
Code:	BP
Location Address 2:	SB 24889
Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	10473
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004615746
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported

CON EDISON (Continued) **S117314513**

Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	08/01/2014
Trans1 Recv Date:	08/01/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/01/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004615746
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002562386GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

M71 **HOLY CROSS FRIARY** **NY UST** **U001833976**
South **600 SOUNDVIEW AVENUE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.150 mi.
790 ft. **Site 3 of 3 in cluster M**

Relative:
Higher

Actual:
30 ft.

UST:

Name:	HOLY CROSS FRIARY
Address:	600 SOUNDVIEW AVENUE
City,State,Zip:	BRONX, NY 10473
Id/Status:	2-360406 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	07/28/2013
UTM X:	596009.21391
UTM Y:	4519105.61168
Site Type:	Religious Building (Church, Synagogue, Mosque, Temple, etc.)

Affiliation Records:

Site Id:	18155
Affiliation Type:	Facility Owner
Company Name:	HOLY CROSS CHURCH
Contact Type:	PASTOR
Contact Name:	FR. PETER POMPOSELLO
Address1:	620 THIERIOT AVE.
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10473
Country Code:	001
Phone:	(718) 893-5550
EMail:	PASTOR@HOLYCROSSBRONX.ORG
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2010-05-24

Site Id:	18155
Affiliation Type:	Mail Contact
Company Name:	HOLY CROSS CHURCH
Contact Type:	PASTOR
Contact Name:	FR. PETER POMPOSELLO
Address1:	620 THIERIOT AVE.
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10473
Country Code:	001
Phone:	(718) 893-5550
EMail:	PASTOR@HOLYCROSSBRONX.ORG
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2010-05-24

Site Id:	18155
Affiliation Type:	Facility Operator
Company Name:	HOLY CROSS FRIARY
Contact Type:	Not reported
Contact Name:	FR. PETER POMPOSELLO
Address1:	Not reported

HOLY CROSS FRIARY (Continued) **U001833976**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 893-5550
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2010-05-24

Site Id:	18155
Affiliation Type:	Emergency Contact
Company Name:	HOLY CROSS CHURCH
Contact Type:	Not reported
Contact Name:	FR. PETER POMPOSELLO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 893-5550
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	2012-12-27

Tank Info:

Tank Number:	001
Tank ID:	10428
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	2000
Install Date:	12/23/1936
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	21
Date Test:	05/05/2010
Next Test Date:	10/11/2016
Pipe Model:	Not reported
Modified By:	TankSys
Last Modified:	02/04/2020

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

HOLY CROSS FRIARY (Continued) **U001833976**

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

P72 **LELAND HOUSE** **NY AST** **1000981357**
North **945 UNDERHILL AVE** **RCRA NonGen / NLR** **NY0000973362**
1/8-1/4 **BRONX, NY 10473** **ICIS**
0.153 mi. **US AIRS**
806 ft. **Site 1 of 2 in cluster P**

Relative:
Lower

Actual:
13 ft.

AST:

Name:	945 UNDERHILL AVENUE
Address:	945 UNDERHILL AVENUE
City,State,Zip:	BRONX, NY 10473
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-272558
Program Type:	PBS
UTM X:	596029.70489
UTM Y:	4519945.22437
Expiration Date:	03/14/2022
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	11553
Affiliation Type:	Facility Operator
Company Name:	945 UNDERHILL AVENUE
Contact Type:	Not reported
Contact Name:	JACK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 529-5559
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	2012-02-07

Site Id:	11553
Affiliation Type:	Emergency Contact
Company Name:	UNDERHILL REALTY LLC
Contact Type:	Not reported
Contact Name:	ABIDIN RADONCIC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 328-7100
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR

LELAND HOUSE (Continued) **1000981357**

Date Last Modified: 2017-10-03

Site Id: 11553
Affiliation Type: Facility Owner
Company Name: UNDERHILL REALTY LLC
Contact Type: MEMBER
Contact Name: MEIR BOUSKILA
Address1: PO BOX 1920
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10116
Country Code: 001
Phone: (212) 564-2111
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-10-03

Site Id: 11553
Affiliation Type: Mail Contact
Company Name: UNDERHILL REALTY LLC
Contact Type: MEMBER
Contact Name: MEIR BOUSKILA
Address1: PO BOX 1920
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10116
Country Code: 001
Phone: (212) 564-2111
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-10-03

Tank Info:

Tank Number: 001
Tank Id: 8855
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
H99 - Tank Leak Detection - Other

Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.
Tank Type: Steel/Carbon Steel/Iron

LELAND HOUSE (Continued) **1000981357**

Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 12/01/1960
Capacity Gallons: 25000
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/01/1993
Register: True
Modified By: MFLEONAR
Last Modified: 10/03/2017
Material Name: #6 fuel oil (on-site consumption)

Tank Number: 002
Tank Id: 8856
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 12/01/1960
Capacity Gallons: 25000
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/01/1993
Register: True
Modified By: MFLEONAR
Last Modified: 10/03/2017
Material Name: #6 fuel oil (on-site consumption)

Tank Number: 003
Tank Id: 49957
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None

LELAND HOUSE (Continued) **1000981357**

B01 - Tank External Protection - Painted/Asphalt Coating
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
G02 - Tank Secondary Containment - Vault (w/access)
H04 - Tank Leak Detection - Groundwater Well

Tank Location:	Aboveground in subterranean vault with access for inspections..... Tank in subterranean vault but accessible for inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/15/1994
Capacity Gallons:	20000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MFLEONAR
Last Modified:	10/03/2017
Material Name:	#6 fuel oil (on-site consumption)

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	LELAND HOUSE
Facility address:	945 UNDERHILL RD BRONX, NY 10473
EPA ID:	NY0000973362
Mailing address:	UNDERHILL RD BRONX, NY 10473
Contact:	Not reported
Contact address:	UNDERHILL RD BRONX, NY 10473
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	LELAND HOUSE
Owner/operator address:	945 UNDERHILL RD BRONX, NY 10473
Owner/operator country:	US
Owner/operator telephone:	718-328-7100
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

LELAND HOUSE (Continued) **1000981357**

Owner/operator name: LELAND HOUSE
Owner/operator address: 945 UNDERHILL RD
BRONX, NY 10473
Owner/operator country: US
Owner/operator telephone: 718-328-7100
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: LELAND HOUSE
Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0
Site name: LELAND HOUSE
Classification: Not a generator, verified

Date form received by agency: 1994-12-09 00:00:00.0
Site name: LELAND HOUSE
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: X001
. Waste name: WASTE OILS

Violation Status: No violations found

ICIS:
Enforcement Action ID: NY000A0000260070036400344
FRS ID: 110001610203
Action Name: Not reported
Facility Name: LELAND HOUSE
Facility Address: 945 UNDERHILL AVE

LELAND HOUSE (Continued) **1000981357**

BRONX, NY 10473
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.824511
Longitude in Decimal Degrees: 73.8615478
Permit Type Desc: Not reported
Program System Acronym: NY0000002600700364
Facility NAICS Code: 531110
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000260070036400341
FRS ID: 110001610203
Action Name: Not reported
Facility Name: LELAND HOUSE
Facility Address: 945 UNDERHILL AVE
BRONX, NY 10473
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.824511
Longitude in Decimal Degrees: 73.8615478
Permit Type Desc: Not reported
Program System Acronym: NY0000002600700364
Facility NAICS Code: 531110
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000260070036400338
FRS ID: 110001610203
Action Name: Not reported
Facility Name: LELAND HOUSE
Facility Address: 945 UNDERHILL AVE
BRONX, NY 10473
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.824511
Longitude in Decimal Degrees: 73.8615478
Permit Type Desc: Not reported
Program System Acronym: NY0000002600700364
Facility NAICS Code: 531110
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000260070036400335
FRS ID: 110001610203

LELAND HOUSE (Continued) **1000981357**

Action Name:	Not reported
Facility Name:	LELAND HOUSE
Facility Address:	945 UNDERHILL AVE BRONX, NY 10473
Enforcement Action Type:	Notice of Violation
Facility County:	BRONX
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	6513
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.824511
Longitude in Decimal Degrees:	73.8615478
Permit Type Desc:	Not reported
Program System Acronym:	NY0000002600700364
Facility NAICS Code:	531110
Tribal Land Code:	Not reported

Enforcement Action ID:	NY000A0000260070036400329
FRS ID:	110001610203
Action Name:	Not reported
Facility Name:	LELAND HOUSE
Facility Address:	945 UNDERHILL AVE BRONX, NY 10473
Enforcement Action Type:	Administrative Order
Facility County:	BRONX
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	6513
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.824511
Longitude in Decimal Degrees:	73.8615478
Permit Type Desc:	Not reported
Program System Acronym:	NY0000002600700364
Facility NAICS Code:	531110
Tribal Land Code:	Not reported

Enforcement Action ID:	NY000A0000260070036400326
FRS ID:	110001610203
Action Name:	Not reported
Facility Name:	LELAND HOUSE
Facility Address:	945 UNDERHILL AVE BRONX, NY 10473
Enforcement Action Type:	Administrative Order
Facility County:	BRONX
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	6513
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.824511
Longitude in Decimal Degrees:	73.8615478
Permit Type Desc:	Not reported
Program System Acronym:	NY0000002600700364
Facility NAICS Code:	531110
Tribal Land Code:	Not reported

LELAND HOUSE (Continued) **1000981357**

Enforcement Action ID: NY000A0000260070036400323
FRS ID: 110001610203
Action Name: Not reported
Facility Name: LELAND HOUSE
Facility Address: 945 UNDERHILL AVE
BRONX, NY 10473
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.824511
Longitude in Decimal Degrees: 73.8615478
Permit Type Desc: Not reported
Program System Acronym: NY0000002600700364
Facility NAICS Code: 531110
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000260070036400320
FRS ID: 110001610203
Action Name: Not reported
Facility Name: LELAND HOUSE
Facility Address: 945 UNDERHILL AVE
BRONX, NY 10473
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.824511
Longitude in Decimal Degrees: 73.8615478
Permit Type Desc: Not reported
Program System Acronym: NY0000002600700364
Facility NAICS Code: 531110
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000260070036400317
FRS ID: 110001610203
Action Name: Not reported
Facility Name: LELAND HOUSE
Facility Address: 945 UNDERHILL AVE
BRONX, NY 10473
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.824511
Longitude in Decimal Degrees: 73.8615478
Permit Type Desc: Not reported
Program System Acronym: NY0000002600700364

LELAND HOUSE (Continued) **1000981357**

Facility NAICS Code: 531110
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000260070036400314
FRS ID: 110001610203
Action Name: Not reported
Facility Name: LELAND HOUSE
Facility Address: 945 UNDERHILL AVE
BRONX, NY 10473
Enforcement Action Type: Administrative Order
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.824511
Longitude in Decimal Degrees: 73.8615478
Permit Type Desc: Not reported
Program System Acronym: NY0000002600700364
Facility NAICS Code: 531110
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000260070036400312
FRS ID: 110001610203
Action Name: Not reported
Facility Name: LELAND HOUSE
Facility Address: 945 UNDERHILL AVE
BRONX, NY 10473
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.824511
Longitude in Decimal Degrees: 73.8615478
Permit Type Desc: Not reported
Program System Acronym: NY0000002600700364
Facility NAICS Code: 531110
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000260070036400309
FRS ID: 110001610203
Action Name: Not reported
Facility Name: LELAND HOUSE
Facility Address: 945 UNDERHILL AVE
BRONX, NY 10473
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.824511

LELAND HOUSE (Continued) **1000981357**

Longitude in Decimal Degrees: 73.8615478
Permit Type Desc: Not reported
Program System Acronym: NY0000002600700364
Facility NAICS Code: 531110
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000260070036400306
FRS ID: 110001610203
Action Name: Not reported
Facility Name: LELAND HOUSE
Facility Address: 945 UNDERHILL AVE
BRONX, NY 10473
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.824511
Longitude in Decimal Degrees: 73.8615478
Permit Type Desc: Not reported
Program System Acronym: NY0000002600700364
Facility NAICS Code: 531110
Tribal Land Code: Not reported

US AIRS (AFS):
Envid: 1000981357
Region Code: 02
County Code: NY005
Programmatic ID: AIR NY0000002600700364
Facility Registry ID: 110001610203
D and B Number: Not reported
Facility Site Name: LELAND HOUSE
Primary SIC Code: 6513
NAICS Code: 531110
Default Air Classification Code: SMI
Facility Type of Ownership Code: Not reported
Air CMS Category Code: SMI
HPV Status: Not reported

US AIRS (AFS):
Region Code: 02
Programmatic ID: AIR NY0000002600700364
Facility Registry ID: 110001610203
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-03-27 00:00:00
Activity Status Date: Not reported
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000002600700364

LELAND HOUSE (Continued) **1000981357**

Facility Registry ID: 110001610203
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-07-19 00:00:00
Activity Status Date: Not reported
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000002600700364
Facility Registry ID: 110001610203
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000002600700364
Facility Registry ID: 110001610203
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000002600700364
Facility Registry ID: 110001610203
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000002600700364
Facility Registry ID: 110001610203
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-01-30 00:00:00
Activity Status Date: Not reported
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

LELAND HOUSE (Continued) **1000981357**

Region Code: 02
Programmatic ID: AIR NY0000002600700364
Facility Registry ID: 110001610203
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-07-16 00:00:00
Activity Status Date: 2016-05-02 13:03:33
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002600700364
Facility Registry ID: 110001610203
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-05-19 00:00:00
Activity Status Date: 2016-06-09 07:01:15
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002600700364
Facility Registry ID: 110001610203
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-08-18 00:00:00
Activity Status Date: 2016-09-09 07:16:53
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002600700364
Facility Registry ID: 110001610203
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-01-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600700364
Facility Registry ID: 110001610203
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-03-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

LELAND HOUSE (Continued) **1000981357**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600700364
Facility Registry ID: 110001610203
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-02-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600700364
Facility Registry ID: 110001610203
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-07-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600700364
Facility Registry ID: 110001610203
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-07-20 00:00:00
Activity Status Date: 2015-07-20 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000002600700364
Facility Registry ID: 110001610203
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-03-27 00:00:00
Activity Status Date: 2009-03-27 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002600700364
Facility Registry ID: 110001610203
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

LELAND HOUSE (Continued) **1000981357**

Activity Date:	2011-07-19 00:00:00
Activity Status Date:	2011-07-19 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	02
Programmatic ID:	AIR NY0000002600700364
Facility Registry ID:	110001610203
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2015-05-19 00:00:00
Activity Status Date:	2015-05-19 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

O73 **CON EDISON** **NY MANIFEST** **S117315675**
South **THIERIOT & RANDALL AV** **N/A**
1/8-1/4 **BRONX, NY 10461**
0.157 mi.
828 ft. **Site 2 of 4 in cluster O**

Relative:
Higher

Actual:
30 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	THIERIOT & RANDALL AV
City,State,Zip:	BRONX, NY 10461
Country:	USA
EPA ID:	NYP004628665
Facility Status:	Not reported
Location Address 1:	THIERIOT & RANDALL AV
Code:	BP
Location Address 2:	SB24889
Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	10461
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004628665
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported

CON EDISON (Continued) **S117315675**

Year:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	08/15/2014
Trans1 Recv Date:	08/15/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/20/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004628665
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002563122GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

O74 **CON EDISON** **NY MANIFEST** **S117315807**
South **THERIOT AVE & RANDALL AVE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.157 mi.
828 ft. **Site 3 of 4 in cluster O**

Relative: NY MANIFEST:
Higher

Name:	CON EDISON
Address:	THERIOT AVE & RANDALL AVE
City,State,Zip:	BRONX, NY 10473
Country:	USA
EPA ID:	NYP004630117

Actual:
30 ft.

CON EDISON (Continued) **S117315807**

Facility Status:	Not reported
Location Address 1:	THERIOT AVE & RANDALL AVE
Code:	BP
Location Address 2:	SB 24889
Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	10473
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004630117
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	08/18/2014
Trans1 Recv Date:	08/18/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/20/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004630117
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002563088GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

CON EDISON (Continued) **S117315807**

Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

O75 **HOLY CROSS SCHOOL** **NY AST** **A100168886**
South **1846 RANDALL AVENUE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.160 mi.
846 ft. **Site 4 of 4 in cluster O**

Relative:
Higher

Actual:
30 ft.

AST:

Name:	HOLY CROSS SCHOOL
Address:	1846 RANDALL AVENUE
City,State,Zip:	BRONX, NY 10473
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-309656
Program Type:	PBS
UTM X:	596081.95286
UTM Y:	4519077.10512
Expiration Date:	10/15/2017
Site Type:	School

Affiliation Records:

Site Id:	14125
Affiliation Type:	Facility Owner
Company Name:	HOLY CROSS CHURCH
Contact Type:	PRINCIPAL
Contact Name:	ERNIE ZALAMEA
Address1:	600 SOUNDVIEW AVE
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10473
Country Code:	001
Phone:	(718) 893-5550
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	2012-12-27

Site Id:	14125
Affiliation Type:	Mail Contact
Company Name:	HOLY CROSS CHURCH
Contact Type:	Not reported

HOLY CROSS SCHOOL (Continued) **A100168886**

Contact Name:	FR. PETER POMPOSELLO
Address1:	620 THIERIOT AVE
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10473
Country Code:	001
Phone:	(718) 893-5550
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	2012-12-27

Site Id:	14125
Affiliation Type:	Facility Operator
Company Name:	HOLY CROSS SCHOOL
Contact Type:	Not reported
Contact Name:	ERNIE ZALAMEA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 842-4492
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	14125
Affiliation Type:	Emergency Contact
Company Name:	HOLY CROSS CHURCH
Contact Type:	Not reported
Contact Name:	FR. PETER POMPOSELLO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 893-5550
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	2012-12-27

Tank Info:

Tank Number:	1-MNBLDG
Tank Id:	24254
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination

HOLY CROSS SCHOOL (Continued) **A100168886**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
I05 - Overfill - Vent Whistle
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/14/1955
Capacity Gallons:	6000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

Tank Number:	2-ANNEX
Tank Id:	24253
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
I05 - Overfill - Vent Whistle
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	03/07/1964
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

Q76 **IS 131X SCHOOL** **RCRA-LQG** **1010787703**
NNE **885 BOLTON AVE** **NY MANIFEST** **NYR000156745**
1/8-1/4 **BRONX, NY 10473**
0.162 mi.
853 ft. **Site 1 of 2 in cluster Q**

Relative:
Lower

Actual:
14 ft.

RCRA-LQG:

Date form received by agency:	2014-02-20 00:00:00.0
Facility name:	IS 131X SCHOOL
Facility address:	885 BOLTON AVE BRONX, NY 10473
EPA ID:	NYR000156745
Mailing address:	THOMSON AVE SCAIEH LONG ISLAND CITY, NY 11101
Contact:	ALEXANDER LEMPERT
Contact address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact country:	US
Contact telephone:	718-472-8501
Contact email:	ALEMPERT@NYCSCA.ORG
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CITY OF NEW YORK
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	1960-01-01 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	NYC DEPARTMENT OF EDUCATION
Owner/operator address:	VERNON BLVD LONG ISLAND CITY, NY 11101
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal

IS 131X SCHOOL (Continued) **1010787703**

Owner/Operator Type: Operator
Owner/Op start date: 1900-01-01 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: NYC DOE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 1960-01-01 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: NYC DEPARTMENT OF EDUCATION
Owner/operator address: VERNON BLVD
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 1900-01-01 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2008-07-28 00:00:00.0
Site name: NYC BD OF E D - I S 131X
Classification: Large Quantity Generator

Date form received by agency: 2008-04-10 00:00:00.0
Site name: NYC BD OF E D - I S 131 X
Classification: Small Quantity Generator

IS 131X SCHOOL (Continued) **1010787703**

Date form received by agency: 2008-04-09 00:00:00.0
Site name: NYC BD OF E D - I S 131 X
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: B004
. Waste name: PCB articles containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs, excluding small capacitors. This includes oil-filled electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable.

. Waste code: B007
. Waste name: Other PCB wastes, including contaminated soil, solids, sludges, clothing, rags and dredge material.

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

NY MANIFEST:
Name: NYC BD OF E D - I S 131X
Address: 885 BOLTON AVE
City,State,Zip: BRONX, NY 10473
Country: USA
EPA ID: NYR000156745
Facility Status: Not reported
Location Address 1: 885 BOLTON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10473
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000156745
Mailing Name: NYC BD OF E D - I S 131X
Mailing Contact: MICHAEL WILLIAMS
Mailing Address 1: 30-30 THOMAS AVE
Mailing Address 2: Not reported
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7187525036

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: Not reported
Trans1 State ID: PAD987367216
Trans2 State ID: MNS000148908

IS 131X SCHOOL (Continued) **1010787703**

Generator Ship Date:	08/27/2013
Trans1 Recv Date:	08/27/2013
Trans2 Recv Date:	09/05/2013
TSD Site Recv Date:	09/09/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000156745
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	MNS000148908
TSDF ID 2:	Not reported
Manifest Tracking Number:	008363826JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	5700
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	15
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	Not reported
Waste Code 1_2:	B004
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Q77 **IS 131 SCHOOL** **NY AST** **U003394070**
NNE **885 BOLTON AVE** **NY Spills** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.162 mi.
853 ft. **Site 2 of 2 in cluster Q**

Relative: **Lower**

Actual: **14 ft.**

AST:

Name:	INTERMEDIATE SCHOOL 131 - BRONX X131
Address:	885 BOLTON AVENUE
City,State,Zip:	BRONX, NY 10473
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-352144
Program Type:	PBS

IS 131 SCHOOL (Continued) **U003394070**

UTM X: 596148.18246
UTM Y: 4519790.48002
Expiration Date: 06/28/2023
Site Type: School

Affiliation Records:

Site Id: 17415
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: MANAGER, FUEL DIVISION
Contact Name: YOGESHWAR NARINE
Address1: 44-36 VERNON BOULEVARD
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 610-0118
EMail: YNARINE@SCHOOLS.NYC.GOV
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2020-02-20

Site Id: 17415
Affiliation Type: Facility Operator
Company Name: INTERMEDIATE SCHOOL 131 - BRONX
Contact Type: Not reported
Contact Name: MARTIN FEENEY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 589-1642
EMail: Not reported
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2019-08-19

Site Id: 17415
Affiliation Type: Mail Contact
Company Name: NYC DEPARTMENT OF EDUCATION
Contact Type: MANAGER, FUEL DIVISION
Contact Name: YOGHESHWAR NARINE
Address1: FIELD OPERATIONS-FUEL DIVISION
Address2: 44-36 VERNON BOULEVARD
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 610-0118
EMail: YNARINE@SCHOOLS.NYC.GOV
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2019-08-19

Site Id: 17415

IS 131 SCHOOL (Continued) **U003394070**

Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	KEN MAHADEO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 210-7918
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2018-12-06

Tank Info:

Tank Number:	001
Tank Id:	34121
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

	I04 - Overfill - Product Level Gauge (A/G) H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G) L00 - Piping Leak Detection - None G02 - Tank Secondary Containment - Vault (w/access) I05 - Overfill - Vent Whistle A00 - Tank Internal Protection - None B01 - Tank External Protection - Painted/Asphalt Coating D01 - Pipe Type - Steel/Carbon Steel/Iron F01 - Pipe External Protection - Painted/Asphalt Coating K00 - Spill Prevention - None E00 - Piping Secondary Containment - None C03 - Pipe Location - Aboveground/Underground Combination J02 - Dispenser - Suction Dispenser
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/03/1966
Capacity Gallons:	12000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	JSMACRI
Last Modified:	08/19/2019
Material Name:	#4 fuel oil (on-site consumption)

Tank Number:	002
Tank Id:	34122

IS 131 SCHOOL (Continued) **U003394070**

Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
G02 - Tank Secondary Containment - Vault (w/access)
I05 - Overfill - Vent Whistle
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/03/1966
Capacity Gallons: 12000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: JSMACRI
Last Modified: 08/19/2019
Material Name: #4 fuel oil (on-site consumption)

SPILLS:

Name: IS 131 SCHOOL
Address: 885 BOLTON AVE
City,State,Zip: BRONX, NY 10473
Spill Number/Closed Date: 1011695 / 2014-02-27
Facility ID: 1011695
Facility Type: ER
DER Facility ID: 400413
Site ID: 445581
DEC Region: 2
Spill Cause: Unknown
Spill Class: C4
SWIS: 0301
Spill Date: 2011-02-18
Investigator: RVKETANI
Referred To: 021814 REVEIWED APPROVED THIRD QRTR 2013 RPT
Reported to Dept: 2011-02-23
CID: Not reported
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False

IS 131 SCHOOL (Continued) **U003394070**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-02-23
Spill Record Last Update:	2014-02-28
Spiller Name:	LEE GUTERMAN
Spiller Company:	IS 131 SCHOOL
Spiller Address:	885 BOLTON AVE
Spiller Company:	999
Contact Name:	LEE GUTERMAN
DEC Memo:	"2/23/11 - Raphael Ketani. The spill was called in today even though it was first noticed on 2/18/11. I went to the site and met Becky Kinal of AKRF (914) 922-2362/cell (914) 263-8730, the consulting company contracted to the SCA to do environmental work. I also met Fernando Adoro, the school Operating Engineer (347) 344-9033/office (718) 589-1642. He later introduced me to Fred Ramos, the head engineer for the school. Mr. Adoro mentioned that the building has had a long history of water leaks through the walls of the boiler room and tank room. He stated that the school was built on swamp land which had been filled in prior to the school's construction in 1966. A stream ran through the adjoining playground to the south until this area was also filled in. Mr. Adoro added that much of the swamp, including the area next to the school, had been filled in with debris in order to raise the land. Mr. Adoro showed us pictures of the school shortly after it was constructed. He pointed to a location on one picture and stated that this area was a dump site with toilets, brick, metal and other material. Next, Mr. Adoro showed Ms. Kinal and me the boiler room and the tank room. He pointed out a hole in one wall of the boiler room where groundwater had been coming through. When they opened the hole to let the water out, Mr. Adoro said the water shot out eight feet. He pointed to holes in the floor of the boiler room where test borings had been conducted to see whether groundwater was below. However, these holes were dry. He said that the floor of the boiler room was about 16 feet below grade, but he was surprised that everything was dry below it. We followed him back up the stairs to an access pit which contained a large sewer pipe. He showed me a flow of groundwater that was coming out at about 15 gallons per minute. The water was being sucked up, but it was just allowed to flow. Following this, we were taken to the tank room. There were two 12,000 gal. tanks with #6 oil (PBS #2-352144). The floor of the tank room was 19 feet below grade, a little lower than the boiler room floor. Here, I could see the oil seeps that were the concern of the school. the east wall had one large black seep and a small one. The seeps were coming from fine cracks in the walls. There was a large pool of water and oil on the floor, but it was only about a quarter of an inch deep. The tank room was completely free of odors and, other than the stains on the walls, free of oil stains on the floors. I could not sense the oil until I actually put my nose on the stain. Once this close, I could smell an odor, but it was not that of oil. It had a distinct odor and reminded me of tar, or some asphaltic material (perhaps creosote?). Mr. Adoro showed us some small black seeps on the north wall below the fill pipes. Here, there was no active oil seeping, but just water seeping. I could see some stains below the fill pipes that were overhead, but they were very light and short and Mr. Adoro said that a little oil had leaked out when the old pipes had been removed. I asked him how much oil had leaked out.

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He said that the pipes were empty and that what I saw was the remains of oil which had dripped out. Lastly, he showed us the west wall. Here there were some small seeps that had light brown stains at the same level as the other seeps, but they appeared to be dry. We left the tank room after this. Once back at the school engineering office, I told Ms. Kinal to contact Lee Gutterman (718) 472-8502 of SCA. I added that the DEC is requesting that soil borings be taken along the outside of the tank room walls to see how much oil is present. I also asked that a fingerprint analysis be performed to see whether this is really oil or tar. She said that this would be done. After this, we went outside to get oriented regarding where the walls of the tank room were and where there might be room enough to put a geoprobe rig. The meeting ended soon afterwards. Later, I checked the database, but could not find other closed or open spill cases. 3/24/11 - Raphael Ketani. Drew Pardus (President, Pardus Environmental Consulting) of the SCA sent me the investigation work plan by e-mail. The plan was dated 3/23/11 and had been produced by AKRF. 3/25/11 - Raphael Ketani. I reviewed the AKRF work plan for investigating the oil seep. They will install four borings and one well next to each boring. Soil samples, groundwater samples, and an oil sample for fingerprinting will be collected. I found the plan to be acceptable. I sent a response e-mail to Mr. Pardis letting him know that the DEC had found the plan to be acceptable and to proceed as soon as possible. 4/15/11 - Raphael Ketani. Mr. Pardus called me. He said that they had received the soil and groundwater analyses for the borings that were performed. Mr. Pardus said that none of the soil results had BTEX, but one groundwater sample had elevated hits. He said that this sample was from a boring that was in the sidewalk. Mr. Pardus stated that this proved that the contamination in the groundwater was from off-site. I told Mr. Pardus to delineate the groundwater contamination. I added that staff from SCA should talk to the owners of the possible off-site sources and find out what their situations are. Mr. Pardus said that the school was about one and half blocks from the Bruckner Expressway. However, there is a Shell station on the other side of the Bruckner. He suggested that the BTEX could be from there. I told him to find out the addresses of all of the possible off-site sources and then I will look them up and see whether they have spills. I reminded Mr. Pardis that the school was built in a swamp with a stream nearby and was surrounded on one side by an illegal dump, which was never remediated. I added that the source could still be from on-site - a drum or liquid dumping. Mr. Pardus said that he didn't believe the source was from on-site because the soil samples didn't indicate this. He asked whether the DEC was going to take over the project and go out and investigate the spill. I told him that it was up to the SCA to determine the possible source of the contamination. 4/26/11 - Raphael Ketani. Mr. Pardus (646) 577-8280 sent me an e-mail with two attachments. These attachments were the site plan and tables of soil and groundwater analytical results for samples that were taken on 3/26/11. The borings and wells were installed on the Story Avenue side of the building (north side) and outside the tank room. The results were almost entirely non-detect for VOCs for the soil samples from the 5 borings. However, SB-4 (9-10 feet) had 9200 ppb total xylenes, 3100 ppb toluene, and 1600 ethylbenzene. SB-5 (9-10 feet) had 3600 ppb total xylenes. The soil SVOC results were 23,000 ppb of phenanthrene and 26,000 ppb of pyrene for the sample from SB-1 at 16-17 feet. The SVOC results for the samples from SB-4 and SB-5 (9-10 feet) suggested

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that there may be oil contamination, but, by and large, the concentrations were similar to historical fill. The groundwater sample from well TW-4 had 64 ppb of xylenes and 49 ppb of toluene. The sample from TW-5 had 1000 ppb of xylenes. Samples from TW-1 to TW-3 were entirely non-detect. The SVOC results for the groundwater samples were completely non-detect. 4/27/11 - Raphael Ketani. I responded by e-mail to Mr. Pardus and wrote that the soil and groundwater results for SB-4/TW-4 and SB-5/TW-5 seemed to suggest an on site source. I added that the SCA must delineate the contamination and put borings and wells in the street and the opposite sidewalk. 5/17/11 - Raphael Ketani. I received a Supplemental Spill Investigation Proposal from AKRF dated 5/10/11 which described conducting a set of off site borings. Two borings would be done across the street (Story Avenue) from the school and the others would at the northeast and southeast corners of the intersection of Story Avenue and Bolton Avenue. TW-6 and TW-7 would be temporary wells and MW-8 to MW-11 would be permanent wells. Groundwater sampling would take place the same day that the wells are installed. A weekly schedule was included in the Proposal for the field work, laboratory soil and groundwater sample analysis and the submission of the investigation report. I sent Ms. Kinal an e-mail with my comments. I stated that the Proposal was acceptable, except for the groundwater sampling. I informed her that the correct procedure for groundwater sampling was to first develop the wells, then sample them at least a month later and to purge the wells before sampling. 6/2/11 - Raphael Ketani. Ms. Kinal sent me an e-mail requesting that the DEC send a letter to the NYCDOT stating that the plan to install the 6 monitoring wells along Story Avenue has been approved. She also included three draft letters requesting the permission of neighboring property owners to allow the wells to be installed. I put together the standard sidewalk boring letter and completed the permission to drill letters and sent them to her. 6/10/11 - Raphael Ketani. Mr. Pardus called. He said that the SCA had a change in heart regarding installing wells off site. He said that off site well installation required permission of the property owners and a review by higher level people in SCA. These higher level people weren't comfortable with seeking permission from the other property owners. So Mr. Pardus wanted to limit the well installation program to just on site. I told Mr. Pardus that would be alright and to submit a cover letter with a plan map showing the change in the projected installation locations. I reminded Mr. Pardus that if the data suggests an off site source, then the DEC will ask for wells to be installed off site anyway. He said that he understood. 6/28/11 - Raphael Ketani. Ms. Kinal sent me the AKRF Supplemental Spill Investigation Proposal/Scope of Work dated 6/23/11. I spoke to Mr. Pardus about a couple of items in the work plan. He explained that testing for SVOCs was not considered since the previous analytical results (samples taken 3/26/11) did not suggest the presence of oil contamination. Instead, the results are similar to gasoline contamination. Also, I asked why permanent wells were going to be placed in only three locations. Mr. Pardus pointed out that these were the only locations where the sidewalk shed was not present. I reviewed the document and approved it as it was submitted. I told Mr. Pardus to proceed as soon as possible. 7/27/11 - Raphael Ketani. CASE SYNOPSIS TO DATE: The spill was first called in on 2/23/11 as seeps through the boiler room and tank room walls. I visited the site on this date. There were two 12,000 gal. ASTs with #6 oil. I saw seeps containing water and a black liquid. The seeps in

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the tank room were about 5 feet above the floor. This is about 14 feet below grade. Mr. Adoro, the school operating engineer said that the school has a long history of seeps. The school was built on swamp land which had a stream running through it. This swamp land was also filled in as an illegal landfill. However, the source of the black liquid is believed to be from offsite. The black stains have an asphaltic odor, but not that of oil. There were no oil odors in the school in general, nor in the tank room. Five borings were performed outside of the school on March 26, 2011, which were also turned into wells. The soil results showed elevated gasoline component contaminants at 9 feet to 10 feet below grade from two borings. SVOC analytes were elevated across the spectrum of contaminants and suggested contamination from historical fill. The groundwater results had elevated VOC hits, but no SVOC hits. AKRF submitted a work plan dated 5/10/11 for installing a series of additional on site and off site borings and wells. However, this plan was later scaled back to include just three on site borings/wells. Soil samples were taken in July 2011 and AKRF is waiting for the results. Groundwater samples will be taken sometime during August 2011. 8/2/11 - Raphael Ketani. I spoke to Drew Pardus (646) 577-8280. He said that the SCA had received the soil analytical results. They are reviewing the results with AKRF. There was nothing else to report. 8/4/11 - Raphael Ketani. Srinivas Kanaparthi of SCA sent me the latest soil analytical results for samples that were collected on 3/26/11, 3/28/11 (samples SB-1 to SB-5), 7/6/11 and 7/7/11 (samples SB-6 to SB-13). The results were sent by e-mail by Mr. Pardus. These were only soil analytical results. Mr. Pardus indicated that the groundwater results will follow later. The samples were from borings SB-1 to SB-13 for the VOCs, and SB-1 to SB-5 for the SVOCs. SB-4 (9'-10') had slight exceedences of ethylbenzene, total xylenes and toluene. SB-5 (9'-10') had slight exceedences of total xylenes. All of the rest of the samples were essentially non-detect for VOCs. For the SVOC results, SB-1 (9'-10') and (16'-17') had exceedences of the benzo series of analytes and their associated combustion products, but no other exceedences. These exceedences were well above the CP-51 limits, but not unusual for historical fill. The samples from SB-2 (8'-9'), SB-4 (4'-5') and (9'-10') and SB-5 (9'-10') all had moderate exceedences of the benzo series analyte standards, with non-exceeding hits for other analytes. 8/9/11 - Raphael Ketani. I spoke to Drew Pardus (646) 577-8280 about the soil analytical results and the groundwater analytical results. We concurred that the soil SVOC results suggested the presence of historical fill in the vicinity of the borings. We also agreed that the VOC results for the samples from SB-4 and SB-5 suggested the presence of some amount of gasoline - probably from off site. I commented that the SCA would have to install wells upgradient in order to determine where the source is. Mr. Pardus stated emphatically that it was not the responsibility of the SCA to do this. That it was up to the State regulators to find the responsible party as the SCA did their part. I told Mr. Pardus that the DEC was not going to do an investigation as this was SCA's responsibility since the installation of off site borings and wells are part of the work once non-site contamination is found. Mr. Pardus said that we should wait to see the groundwater results before anything happens. I asked him when these results will be available. He said that they should be received either this week or next week. 8/19/11 - Raphael Ketani. I spoke to Mr. Pardus (646) 577-8280 about the groundwater sampling. He said that they had received the results and were

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reviewing them. He expected to send the DEC the results sometime next week. Later, Mr. Pardus sent me a map showing the locations of the soil borings and the groundwater wells, the soil and groundwater anayltical tables from the 3/26/11 sampling, groundwater direction flow maps (8/4/11 and 8/20/11), an air photo of the school and the neighborhood with potential up, down and cross gradient sources depicted, tables listing the potential sources (their addresses and spill histories and PBS registrations), and an SCA transmittal cover sheet. Mr. Pardus indicated in his e-mail that he believed the source of the oil contamination was off site. 8/22/11 - Raphael Ketani. I reviewed the documentation that Mr. Pardus had sent in his 8/19/11 e-mail. The soil analytical results were for samples that were collected on 3/26/11, 3/28/11 (samples SB-1 to SB-5), and 7/6/11 and 7/7/11 (samples SB-6 to SB-13). The soil samples were from borings SB-1 to SB-13 for the VOCs, and SB-1 to SB-5 for the SVOCs. SB-4 (9'-10') had a low exceedence for ethylbenzene, a high exceedence for total xylenes, a moderate exceedence for toluene, and 9 low VOC hits. SB-5 (3'-4') had 5 low VOC hits. SB-5 (9'-10') had a high exceedence for total xylenes, and 8 low VOC hits. SB-9 (7'-8') had a very low hit of naphthalene. All of the rest of the samples were essentially non-detect for VOCs. For the SVOC results, SB-1 (9'-10') had low benzene series exceedences (and associated combustion products) and very low non-benzene series analyte hits. SB-1 (16'-17') had high exceedences for the benzene series and their associated combustion products, and moderate hits for non-benzene series analytes. The samples from SB-2 (8'-9'), SB-4 (4'-5') and (9'-10') and SB-5 (9'-10') all had moderate benzene series exceedences, with low hits for other analytes. There was a general occurrence of low hits of other SVOCs in the soil samples. For the groundwater results, TW-4 had ethylbenzene at 11 ppb and total xylenes at 64 ppb. TW-5 had 5 moderate VOC exceedences with 1,000 ppb of total xylenes. TW-8 had 11 ppb of m/p xylenes, 61 ppb of toluene and 3 low hits. All of the other analytes in these samples, and the results for the other samples were non-detect. Groundwater flow for 8/4/11 and 8/20/11 was measured as towards the northwest. This is in contrast to an expected flow from north to south (from the gas stations to the north). Groundwater pumping may be taking place somewhere to the northwest. In light of this information, the only possible upgradient sources would be #8 - Cornell Station, 1950 Lafayette Avenue, #9 - Stevenson Commons Association, 1850 Lafayette Avenue, and #10 - Park Lane, 1965 Lafayette Avenue. These places appear to be apartment buildings. No other locations would appear to be upgradient and, from looking at the air photo, it did not appear that there were cross gradient sources. Additionally, from the soil sample data, the VOC contamination was at its highest at SB-4 and at SB-5, with some impact to the location of SB-9. The high total xylenes exceedence in the groundwater at SB-5 suggested a source in this area. Lastly, the high benzene series SVOC exceedences at depth at SB-1 and the low to moderate benzene series exceedences at the other locations point to a second source of contamination as historical fill. Therefore, it appears that the source IS ON SITE - possibly from an unreported earlier spill. Any other interpretation is implausible given the limited information that has been presented and the groundwater flow direction. 8/31/11 - Raphael Ketani. I spoke to Mr. Pardus (646) 577-8280 about the soil and groundwater results. I told him that, from the information that was submitted, it appears that the contamination originates on site. I added that groundwater flow is to

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the northwest - from on site to off site. So that the contamination IS NOT flowing onto the school property. Mr. Pardus said that the subsurface is tidally influenced. He stated that the area is 10 blocks from Long Island Sound. The surface of the water table is relatively flat. I commented that this is the case with most water tables. He stated that groundwater flow is really to the south from the several possible upgradient sources. Mr. Pardus added that the contamination gradient is highest at the edge of the property and the contaminants are of the lighter analytes. So this indicates that the contamination is coming from off site. I commented that if he and the SCA believe that groundwater flow is tidally influenced, then another round of water table elevation measurements should take place. Mr. Pardus said that he will consider this suggestion. However, AKRF is putting together the Site Investigation Report right now. They will submit the draft SIR to the SCA during September. Once the draft is approved, then it will be finalized and sent to the DEC. Mr. Pardus suggested that I reserve formally commenting on the soil and groundwater results until I have reviewed the SIR. I told him that I will wait for the SIR before sending any comment letters. 9/12/11 - Raphael Ketani. I contacted Mr. Pardus (646) 577-8280. He said that the draft SIR is presently being reviewed by staff from the SCA. Once they are done and the changes are made by AKRF, it will be sent to the DEC. 10/4/11 - Raphael Ketani. I spoke to Mr. Pardus (646) 577-8280 regarding the draft SIR. He said that the SCA staff finished their review and made comments. AKRF is looking at the comments. Mr. Pardus expected the SIR to be submitted to the DEC soon. 10/20/11 - Raphael Ketani. I spoke to Mr. Pardus (646) 577-8280. He said that the final comments and review were done for the report. He expects to have the final version of the SIR ready to send out very soon to the DEC. 11/29/11 - Raphael Ketani. Mr. Pardus hand delivered the 11/23/11 AKRF Site Investigation Report. I began my review. 12/2/11 - Raphael Ketani. I finished my review of the AKRF 11/23/11 SIR. I drafted a letter to Lee Gutterman, Deputy Director, IEH Division of the SCA. The letter stated that soil excavation must take place at the locations of SB-4 and SB-5. The letter was sent to Hassan Hussein, EE III at the NYS DEC, for his approval. 12/5/11 - Raphael Ketani. Mr. Hussein approved the letter and it was sent out today. 12/14/11 - Raphael Ketani. A meeting was set up for friday, 12/16/11 at the DEC in order discuss I.S. 131 and what should happen next. 12/16/11 - Raphael Ketani. The meeting took place as planned. In attendance from the SCA were Ms. Gutterman, Mr. Kanaparthi and Mr. Pardus. Myself and Hassan Hussein of DER attended for DEC. The site was discussed. Questions and comments were raised about the past and present groundwater flow direction and its relationship to the gas station to the northeast as a possible source. I commented that the soil contamination at SB-4 and SB-5 appeared to be an isolated pocket and that either soil excavation or treatment would suffice to remediate the location. The staff from SCA insisted that the probable source was the gas station to the northeast. I stated that the pocket of contamination may be the result of a wider old release of gasoline. Ms. Gutterman asked whether putting off site borings and temporary wells due north would resolve this question. I told her that it would help. She asked whether the DEC would do a broad investigation if contamination was found higher off site. I told her that this was possible, but that I couldn't give her a firm answer right now. Mr. Hussein asked whether the parents were aware of this contamination at SB-4 and SB-5. Ms. Gutterman said No. Mr. Hussein

IS 131 SCHOOL (Continued) **U003394070**

then commented that it would be in SCA's best interest to resolve this matter quickly so that it doesn't become a bigger issue. He stated that I would close the spill case if the pocket of contamination would be removed. I confirmed this to Ms. Gutterman. Everyone then discussed the feasibility of using chemical treatment, rather than excavation to remove the pocket of contamination. I stated that the process would be chemical injection, wait one to three months, then take a first round of groundwater samples, then do confirmatory soil sampling the same day, then three months later take the second round of groundwater samples. Ms. Gutterman asked what would happen if the first round of soil treatment didn't complete the job. I told her that then a second round of injections would be necessary. However, I said, that I didn't feel a second round would be necessary as the concentrations of analytes weren't very high. With that, Ms. Gutterman said that she will talk to her administrators above her and see what they want to do. After the meeting, I sent Mr. Pardus an e-mail that the DEC will expect an answer by January 20, 2012. 3/5/12 - Raphael Ketani. Stephen Kline, P.E. (347) 242-7109 of the NYC SCA, IEH Division sent me the AKRF 2/10/12 Spill Remediation Proposal/Work Plan. Mr. Kline took over the project from Mr. Pardus, I reviewed the Work Plan. In this plan, AKRF proposes to do an electromagnetic and GPR survey for clearance purposes prior to installing the additional well (MW-14) and the treatment solution injection wells. New monitoring well MW-14 will be installed between SB-4 and SB-5. Baseline groundwater parameters (water quality) and the groundwater elevations will be determined from wells MW-9 to MW-11 and MW-14. Pre-treatment groundwater samples will be collected from MW-9 and MW-14 (one week after installation). A slug test will be conducted using MW-10 in order to determine the hydraulic conductivity. In situ remediation will cover an area of 750 square feet around SB-4 and SB-5. RegenOx and ORC will be used. A groundwater sample will be taken 3 months after the treatment solutions are injected. Additional treatments will take place if the analytical results indicate that the contaminant concentrations have not decreased to about CP-51 standards. Quarterly groundwater monitoring will take place. The only comments I had were that groundwater development at MW-14 should not take place any sooner than 48 hours after any grout has set. Also, I stated that groundwater sampling should not take place any sooner than one month after well development. 6/7/12 - Raphael Ketani. I called up Mr. Kline (347) 242-7109 regarding a progress update. He said that the person to speak with was really Becky Kinal (914) 922-2362/cell (914) 263-8730 of AKRF. However, the work has been on hold pending funding for the remedial action. 7/23/12 - Raphael Ketani. Ms. Kinal sent me an e-mail stating that they intend to install one more monitoring well and then do a round of groundwater sampling for baseline results before treating the contamination with ORC. Attached to the e-mail was a letter dated 7/20/12 to the EPA informing them of their plan to inject ORC into wells at the site. 8/6/12 - Raphael Ketani. I hadn't heard anything from Ms. Kinal regarding the installation of the additional well and the taking of the groundwater samples. So I sent her an e-mail requesting an update. Ms. Kinal responded by e-mail that the additional well was installed on 8/3/12. The baseline groundwater sampling is scheduled for 8/14/12 and the ORC injections are scheduled for 8/13/12 and 8/14/12. A letter from the US EPA was attached which confirmed the AKRF plan to inject ORC. 1/3/2013 - Raphael Ketani. I reviewed the AKRF 12/27/12 Spill Remediation

IS 131 SCHOOL (Continued) **U003394070**

Progress Report No. 1. Solutions of RegenOx and ORC Advanced were injected into 6 temporary well points during 8/17/12 and 8/18/12. The solution for each injection consisted of 100 lbs. of RegenOx and 50 lbs. of ORC Advanced. The solution injection took place at 7 to 14 feet bgs. Post injection monitoring took place on 11/14/12. Wells MW-9 to 11 and MW-14 were checked for groundwater parameters. A groundwater sample was taken from MW-9 and sent off for analysis for only VOCs. No sample was recovered from MW-14 as free product was discovered. A sample of the product was sent off for analysis. Regarding the groundwater samples from MW-9, both the 8/14/12 and 11/14/12 results were completely non-detect. The baseline sample for MW-14 which was taken on 8/14/12 had many VOC exceedences up to 800 ppb of total xylenes. The product that was collected turned out to be #6 oil. So, future groundwater samples will be tested for VOCs and SVOCs. AKRF recommends NAPL recovery and another round of post injection monitoring. A sock will be put into well MW-14. If this sock collects sufficient oil, then another sock will be inserted. If after 4 weeks the second sock does not absorb all of the oil, then another method of product recovery will be tried. I found the report to be acceptable and drafted a letter for the review of Mr. Hussein. 1/14/13 - Raphael Ketani. Mr. Hussein approved the letter and it was sent out today. 3/26/13 - Raphael Ketani. Maya Ezzeddine (925) 917-9513 of EBI Consulting called. She said that she had read the open spill case notes for the site and had some concerns about the spill. She said that she was consulting for a strip mall that was nearby and wanted to know whether there was any vapor intrusion in the school. I explained that the black liquid which had been or was still entering the tank room was not oil. As best as could be determined, I said, it was probably generated from a deteriorating creosote waterproof coating that was covering the outside of the building's walls. I told her that the building sits in a former wetland where a stream use to flow. The underground is always full of water and so a waterproof coating was needed - otherwise the tank room would be flooded. I added that the waterproof coating must be deteriorating in the geochemical environment of the wetland. The black liquid that I had seen smelled like creosote, not oil. The PID meter did not detect any volatiles. I also told Ms. Ezzeddine that there is #6 oil in one of the wells in front of the school, but this is probably due to a fill line leak and has nothing to do with the black liquid coming through the cracks in the tank room walls. Ms. Ezzeddine said she understood and the conversation ended. 3/29/13 - Raphael Ketani. I reviewed the 3/27/13 AKRF Fluid Level Monitoring/LNAPL Recovery Report. The period covered was January 23 to February 28. Wells MW-9 to MW-11 and MW-14 were gauged on 1/23, 1/30, 2/6, 2/13, 2/20 and 2/28. No NAPL was seen in any of the wells. However, a sock was placed into MW-14 and up to 6 oz. of NAPL was recovered on 3 different days. AKRF recommends bi-weekly gauging for an additional month and no sock in MW-14. If there is no NAPL, then groundwater sampling will take place at MW-9 and MW-14 during the week of March 25th. I found the report and the recommendations to be acceptable. 5/10/13 - Raphael Ketani. I reviewed the 5/6/13 AKRF Quarterly Monitoring Report - First Quarter 2013. A sock was placed in MW-14 on 1/23/13. Weekly gauging took place from 1/30/13 to 2/28/13. The sock was removed from MW-14 on 2/28/13. Contingency quarterly sampling and gauging of MW-9 and MW-14 took place on 3/29/13. Gauging took place during this period on 1/23, 1/30, 2/6, 2/13, 2/20, 2/28, 3/7, 3/22 and 3/29. Wells MW-9 to MW-11 and MW-14

IS 131 SCHOOL (Continued) **U003394070**

were gauged on these days. Product was not detected on the groundwater during this period. There was no NAPL in the sock in MW-14 on 2/20 and 2/28. The total NAPL recovered from MW-14 from 1/23 to 2/28 was 13 oz. Groundwater was sampled on 3/29/13 from MW-9 and MW-14 following Regenox/ORC injection. The results for the sample from MW-9 were all non-detect. The results for the sample from MW-14 were very low hits, with the exception of 193.6 ppb of total xylenes. AKRF recommends two additional monthly gauging events during April and May and a quarterly sampling event at MW-9 and MW-14 during June. The report and the recommendations were approved. 8/6/13 - Raphael Ketani. I reviewed the 8/5/13 AKRF Quarterly Monitoring Report - Second Quarter 2013. Wells MW-9 to 11 and 14 were gauged on 4/26, 5/17 and 6/28. Product was not found in any of the wells on these dates. Groundwater was collected on 6/28 from MW-9 and MW-14. MW-9 did not have any VOCs or SVOCs. The MW-14 6/28/13 VOC results were slightly higher than in the 3/29/13 samples. However, both sets of results were much lower than those of the 8/14/12 results. There were no SVOC hits in the sample from MW-14. As the latest results for MW-14 were a little higher than those from 3/29/13, I approved the report, but requested that at least one more round of groundwater sampling take place. 8/8/13 - Raphael Ketani. Ms. Kinal sent me an e-mail today stating that she will contact the SCA in order to have another round of groundwater sampling performed. 10/18/13 - Raphael Ketani. I spoke to Ms. Kinal about progress at the site. She said that the third quarter groundwater sampling had just been done. The DEC should receive the report in the next several weeks. No product is being seen in the wells. 2/13/14 - Raphael Ketani. As Ms. Kinal had not sent the third quarter 2013 sampling results report, I sent her an e-mail requesting this information and a progress update. 2/18/14 - Raphael Ketani. Ms. Kinal (914) 922-2362/cell (914) 263-8730 sent me the AKRF Quarterly Monitoring Report - Third Quarter 2013, dated 2/14/14. Gauging took place at MW-9 to MW-11 and MW-14 on 8/7/13 and on 9/26/13. Groundwater sampling took place on 9/26/14 at MW-9 and MW-14. Product was not seen in any of the wells on these days. MW-9 was sampled for VOCs and had no hits. MW-14 was also sampled only for VOCs and had 1 hit at 10.2 ppb, 7 very low hits, and 4 non-detects. The analytical results were one or two orders of magnitude less than the 6/28/13 results. 2/27/14 - Raphael Ketani. The spill case was presented for closure to Mr. Hussein. After reviewing the data, he determined that the case could be closed. The spill case is being closed based upon: the data in the case file; the consistent lack of hits for groundwater samples from MW-9; the generally decreasing analyte concentrations frjom round to round for samples from MW-14 whereby the last sample was mostly non-detects and hits below the TOGS 1.1.1 standards; the lack of product in the wells; the hydraulic control whereby the school is continuously pumping large quantities of groundwater from around the school in order to keep the basement areas dry; there are no petroleum related volatile chemical vapors in the school which are due to the former spill. It is the determination of the DEC that any residual contamination that is present does not pose a danger to the students, the public or the environment. Therefore, the spill case is being closed effective 2/27/14."

Remarks: "found in boiler room basement, unknown source coming through the wall outside."

All Materials:

Site ID: 445581

IS 131 SCHOOL (Continued) **U003394070**

Operable Unit ID:	1195965
Operable Unit:	01
Material ID:	2192086
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

R78 **CONSOLIDATED EDISON** **NY MANIFEST** **S117564286**
SSE **581 UNDERHILL AVE** **N/A**
1/8-1/4 **BRONX, NY 10451**
0.166 mi.
877 ft. **Site 1 of 2 in cluster R**

Relative:
Higher

Actual:
23 ft.

NY MANIFEST:

Name:	CONSOLIDATED EDISON
Address:	581 UNDERHILL AVE
City,State,Zip:	BRONX, NY 10451
Country:	USA
EPA ID:	NYP004148094
Facility Status:	Not reported
Location Address 1:	UNDERHILL AVE & RANDALL AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	NEW YORK
Location State:	NY
Location Zip:	10003
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004148094
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address 1:	4 IRVING PLACE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	02/09/2007
Trans1 Recv Date:	02/09/2007
Trans2 Recv Date:	Not reported

CONSOLIDATED EDISON (Continued) **S117564286**

TSD Site Recv Date:	02/12/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004148094
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980593636
TSDF ID 2:	Not reported
Manifest Tracking Number:	000331356FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	Y
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H135
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	40
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D018
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

R79 **CON EDISON** **RCRA NonGen / NLR** **1010327670**
SSE **581 UNDERHILL AVE** **NYP004148094**
1/8-1/4 **BRONX, NY 10451**
0.166 mi.
877 ft. **Site 2 of 2 in cluster R**

Relative: **Higher**
Actual: **23 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2007-04-11 00:00:00.0
Facility name:	CON EDISON
Facility address:	581 UNDERHILL AVE BRONX, NY 10451
EPA ID:	NYP004148094
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	ANTONIO DELGADO
Contact address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact country:	US

CON EDISON (Continued) **1010327670**

Contact telephone: 718-204-4201
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2007-04-10 00:00:00.0
Site name: CON EDISON
Classification: Not a generator, verified

Date form received by agency: 2007-04-09 00:00:00.0
Site name: CON EDISON
Classification: Unverified

Violation Status: No violations found

S80 **715 SOUNDVIEW AVENUE** **NY UST** **U004061781**
WSW **715 SOUNDVIEW AVENUE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.170 mi.
895 ft. **Site 1 of 3 in cluster S**

Relative:
Higher

Actual:
27 ft.

UST:
Name: 715 SOUNDVIEW AVENUE
Address: 715 SOUNDVIEW AVENUE
City,State,Zip: BRONX, NY 10473
Id/Status: 2-610329 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 595726.92353
UTM Y: 4519363.68363
Site Type: Retail Gasoline Sales

Affiliation Records:
Site Id: 370145
Affiliation Type: Mail Contact
Company Name: ODYSSEY HOUSE
Contact Type: Not reported

715 SOUNDVIEW AVENUE (Continued) **U004061781**

Contact Name:	TINA MITCHELL
Address1:	120 WALL STREET
Address2:	17TH FLOOR
City:	BRONX
State:	NY
Zip Code:	10005
Country Code:	001
Phone:	(718) 861-1400
EMail:	TMITCHELL@ODYSSEYHOUSEINC.ORG
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2012-08-13

Site Id:	370145
Affiliation Type:	Facility Owner
Company Name:	ODYSSEY HOUSE
Contact Type:	PROJECT MANAGER
Contact Name:	TINA MITCHELL
Address1:	120 WALL ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10005
Country Code:	001
Phone:	(212) 361-1679
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BKFALVEY
Date Last Modified:	2012-04-27

Site Id:	370145
Affiliation Type:	Facility Operator
Company Name:	715 SOUNDVIEW AVENUE
Contact Type:	Not reported
Contact Name:	TINA MITCHELL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 361-1679
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BKFALVEY
Date Last Modified:	2012-04-27

Site Id:	370145
Affiliation Type:	Emergency Contact
Company Name:	ODYSSEY HOUSE
Contact Type:	Not reported
Contact Name:	TINA MITCHELL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

715 SOUNDVIEW AVENUE (Continued) **U004061781**

Country Code: 999
Phone: (347) 835-7305
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2012-04-27

Tank Info:

Tank Number: 1
Tank ID: 213469
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 05/03/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping

Tank Number: 10
Tank ID: 213478
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 05/03/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported

715 SOUNDVIEW AVENUE (Continued) **U004061781**

Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping

Tank Number: 11
Tank ID: 243265
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 05/03/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 12
Tank ID: 243266
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 500
Install Date: Not reported
Date Tank Closed: 05/03/2012
Registered: True
Tank Location: Underground

715 SOUNDVIEW AVENUE (Continued) **U004061781**

Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 13
Tank ID: 243267
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 01/01/1993
Date Tank Closed: 05/03/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

715 SOUNDVIEW AVENUE (Continued) **U004061781**

F00 - Pipe External Protection - None

Tank Number: 14
Tank ID: 243268
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 01/01/1993
Date Tank Closed: 05/03/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 2
Tank ID: 213470
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 05/03/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

715 SOUNDVIEW AVENUE (Continued) **U004061781**

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping

Tank Number: 3
Tank ID: 213471
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 05/03/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping

Tank Number: 4
Tank ID: 213472
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 05/03/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported

715 SOUNDVIEW AVENUE (Continued) **U004061781**

Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping

Tank Number:	5
Tank ID:	213473
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	05/03/2012
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping

Tank Number:	6
Tank ID:	213474
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	05/03/2012
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009

715 SOUNDVIEW AVENUE (Continued) **U004061781**

Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping

Tank Number: 7
Tank ID: 213475
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 05/03/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping

Tank Number: 8
Tank ID: 213476
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 05/03/2012

715 SOUNDVIEW AVENUE (Continued) **U004061781**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping

Tank Number: 9
Tank ID: 213477
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 05/03/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping

S81 **FUTURE ODYSSEY HOUSE/ FORMER GAS STATION** **NY LTANKS** **S100145333**
WSW **705-715 SOUNDVIEW AVE** **NY Spills** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.170 mi.
895 ft. **Site 2 of 3 in cluster S**

Relative: **Higher**
Actual: **27 ft.**

LTANKS:

Name:	FORMER GAS STATION/CAR WASH
Address:	715 SOUNDVIEW AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	8808359 / 2003-03-04
Facility ID:	8808359
Site ID:	152098
Spill Date:	1989-01-19
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	A3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	rvketani
Referred To:	Not reported
Reported to Dept:	1989-01-19
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1989-01-23
Spill Record Last Update:	2008-07-10
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	129109
DEC Memo:	"11/18/05 - Austin - This spill report had been administratively closed on 3/4/03, due to a lack of information. We received some technical infomation on 11/18/05 from IBS Associates, dated 11/14/05, requesting review for compliance. This spill has been reassigned to Raphael Ketani, so that he can review the info provided, to see if the spill report should remain closed, or to determine if factors warrant it's re-activation for further remedial action - end 11/23/05 - Raphael Ketani. Steve Levine of IBS Associates ((845) 268-8429) called me to ask for a No Further Action (NFA) letter from DEC which would designate that the case could be closed to the satisfaction of DEC. We discussed the past history of the site as a gas station and car wash. Mr. Levine told me that the phase 2 investigation had been sent to my desk. I did find the phase 2 report. He said that he would send the phase 1 report. The site is 12,260 sq. ft. in a triangular footprint. Four soil borings were done during the phase 2. Twelve (12) gasoline tanks were filled with slurry. Mr. Levine added that the NYFD had rescinded its violation order. I looked at the documentation Mr. Levine had sent and found that the analytical

FUTURE ODYSSEY HOUSE/ FORMER GAS STATION (Continued) **S100145333**

results were below current TAGM 4046 standards for recommended soil cleanup objectives, that the NYFD did rescind their violation order, and that the 12 tanks had been slurried. Given this documentation, I am sending an NFA letter. 7/9/08 - Raphael Ketani. Paul Siminello (845) 452-1658 (consultant) called to say that his crew found high levels of gasoline contaminants in the soil at the site. This was a site exploration conducted by his client, a potential buyer. I told him to call in a new spill. The site has a PBS case #2-610329 with 8 550 gas tanks, 1 550 diesel tank, and 1 waste oil tank. However, there were 12 tanks indicated in the Phase II report."

Remarks: "SIX 550 GAL TKS FAILED TANK AUDITOR. L R = -0.145 GPH. REMOVING PROD, WILL NOTIFY NYFD. CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS."

All TTF:

Facility ID:	8808359
Spill Number:	8808359
Spill Tank Test:	1535103
Site ID:	152098
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	152098
Operable Unit ID:	924767
Operable Unit:	01
Material ID:	570828
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	FUTURE ODYSSEY HOUSE/ FORMER GAS STATION
Address:	705-715 SOUNDVIEW AVE
City,State,Zip:	BRONX, NY 10473
Spill Number/Closed Date:	0804131 / 2013-11-04
Facility ID:	0804131
Facility Type:	ER
DER Facility ID:	350247
Site ID:	400982

FUTURE ODYSSEY HOUSE/ FORMER GAS STATION (Continued) **S100145333**

DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	0301
Spill Date:	2008-07-10
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	2008-07-10
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-07-10
Spill Record Last Update:	2013-11-04
Spiller Name:	BRIAN BRAINNICK
Spiller Company:	Not reported
Spiller Address:	715 SOUNDVIEW AVE
Spiller Company:	999
Contact Name:	BRIAN BRAINNICK
DEC Memo:	"7/10/08 - Raphael Ketani. Paul Siminello of ECO Systems (845) 452-1658 called to say that gas contaminated soil was discovered at the site. A presale investigation was being performed and resulted in the discovery. This site is the same as in the closed case #8808359. In the earlier case, no contamination was discovered and an NFA letter was issued. Procedure for system start up included, including installation of temporary negative pressure monitoring points in foundation of building to ensure negative vacuum and hence vapor (if any) mitigation, The PBS case is #2-610329. There were 10 tanks, but the Phase II stated 12 tanks. Eight tanks had gas, 1 had waste oil, and 1 had diesel. All tanks were removed. The contact is Brian Brainnick at ECO. Mr. Siminello said that the present property owner is the same: Dominic Ferrovecchio, 705 Soundview Avenue, LLC, 935 Bronx River Avenue, Bronx, 10473. The phone is (718) 861-1400. I sent a CSL to Mr. Ferrovecchio. 7/14/08 - Raphael Ketani. Ariel Czmeriski of AMC Engineering (516) 987-1662 called me up. He said that Mr. Ferrovecchio owns 705 Soundview Avenue, but he does not own 715 Soundview anymore. He said the owner is different, but he doesn't know who it is. He said the case for 705 Soundview is #0702753 and is managed by Sharif Rahman. I called up Mr. Siminello and asked him who his client is and what the address of the site is. He said that is client is the NYC Office of Mental Health and they are going to build a treatment residence for a social service agency, Odyssey House. He said his project is 715 Soundview, not 705. He said the owner is Jose Pagan. Mr. Pagan bought the property in September of 1989. I sent a new CSL to Jose Pagan at 464 Beach Avenue, Bronx, 10473-3610. 8/19/08 - Raphael Ketani. The case is being prepared for transfer due to a case realignment within the unit. The case manager needs to make followup calls to see what progress has been made in the investigation. The owner owes DEC an investigation report. 5/18/11-HRAHMED-Spoke with Paul H. Ciminello of Ecosystem. Received email from Paul. as per email, Hasan will look at the Work Plan as

FUTURE ODYSSEY HOUSE/ FORMER GAS STATION (Continued) **S100145333**

well as the previous reports. He has them in his files so there is no reason to resend them to him. I expressed to him our need to have these documents reviewed and approved as quickly as possible, and he will make every effort to look at them in the next few days. He will need to review his comments with his supervisor, so an immediate approval is not likely. More likely, he will be able to get us an approval or comments late next week or early the following week at the latest. 10/12/11-Vought-Spill transferred from DEC Ahmed to DEC Vought as per DEC Austin. Urgent file review and status update requested by DEC Austin via RHWRE via Regional Director who noted that DEC Ballantyne received inquiry from Assemblyman Crespo to see is any outstanding issues related to a proposed facililty to be built by Odyssey House who is site developer. Crespo noted there is a Community group meeting the night of 10/13 and wants to know if DEC has any open issues related to contamination at that site and DEC Ballantyne noted that someone would get back to him prior to the meeting. Teleconference held with DEC Austin, DEC John and site consultant (Ecosystems Stategies -Paul Ciminello Ph:845-452-1658 cell:914-475-4208) and site was formerly a gas station that once had twelve 550-gallon gasoline USTs (under a separate spill) and as per FDNY Burea of Fire Prevention records the USTs were closed in place via slurry. Ciminello that site will be developed with Odyssey House which will will be NYS Office of Mental Health Facililty. Ciminello that up to 1 of free product had been historically observed on the water table at that site and that the site wast not E designated by NYCDEP. Ciminello noted that they needed permission to begin excavation for development of site and that contact for architect was Allan Moghaddam (PH:212-979-1510) who had more information on development plans. Ciminello noted that he would be installing and active SSDS and Vought noted that this system may reqiure annual maintenance and the applicability of an institutional,engineering control and site management may be required and not available via the Spills Program. 10/13/11-Vought-Vought explored NYCDOB database and no other alternate addressses listed. Vought noted however that STOP WORK ORDER by DOB exists on this property . No PBS registration noted in database for address. Vought also noted closed spill 8808359 at same site and spill was for (six 550 gal tks failed tank auditor. LR=-.0145GPH). Vought inspected PBS database and noted PBS #2-610329 for 705 Soundview that showed Closed-Removed of 10 (550-gallon) gasoline USTs in 8/17/06. Complete file review by Vought: Contaminated Soil Letter (DEC Ketani)-7/10/8. Letter sent by DEC requiring site investigation and submission of Investigation Summary Report six weeks from date of letter. Letter sent to: Dominic Ferrovecchio 705 Soundview Avenue, LLC 935 Bronx River Avenue Bronx, NY 10473 Contaminated Soil Letter (DEC Ketani)-7/14/8. Letter sent by DEC requiring site investigation and submission of Investigation Summary Report six weeks from date of letter. Letter sent to: Jose Pagan 464 Beach Avenue Bronx, NY 10473-3610 Combined Phase I and Phase II Environmental Site Assessment (Ecosystems Strategies)-7/14/08. The site contained a one-story former filling station and automobile repair shop on the southwestern portion of the site from 1960 to at least 1984(called Master Mechanic Auto Repair Inc) and also contained a separate one-story office building that housed Aleluxa Auto and Flat Fix office on the northern portion of the property. A subsurface investigation was performed by Environmental Assessment Associaton in 1993 that noted sandy clay soils in southern and central portions of site with depth to

FUTURE ODYSSEY HOUSE/ FORMER GAS STATION (Continued) **S100145333**

groundwater from 9-12'bg with expected flow to the southwest to the Bronx River. Multi-family residential properties and commericial properties surround the site. The 1993 Subsurface Investigation boring locations were never noted however field evidence of petroleum contamination was reportedly observed at two boring locations . Report in 1993 concluded no further action warranted. Site inspection performed by Ecosystems in 2008 noted building structures still onsite, one 550-gallon fuel oil UST in the northeastern corner, one 550-gallon waste oil UST in the southeastern corner and records show twelve 550-gallon gasoline USTs closed in place. Three 30-gallon containers of waste oil noted in automobile repair building but no staining or release was noted. One floor drain in service bay lead to municipal sanitary system as per site owner and no other drains noted in building. Four soil borings were installed in the site in October 1993 that showed field evidence of petroleum contamination at two boring locations and report indicated that NFA was warranted . Report review continued below on 11/22/11. 10/13/01-Vought-Sent email summary to Regional Director of DEC issues with CC to DEC Austin and DEC John. 10/19/11-Vought-Teleconference held with Paul John and Ecosystems (Ciminello). Vought sent following message to Ciminello via email I am sending you and email as confirmation of today's phone conversation including myself and Paul John. The Department approves excavation of the contaminated soil for the Odyssey House to begin provided that the excavation proceed to groundwater or bedrock (whichever occurs first). Please note as well that in addition to the proposed soil endpoint sampling as per the Spill Response Work Plan dated September 2009, the Department will also require collection and analysis of one bottom grab groundwater sample as well if excavation proceeds to the water table. The Department, pending submission and review of the endpoint sample results, may require the submission and approval of a Remedial Action Plan before approval can be given for development of the Site. Note that Plan may have to include remedies for fully delineated on-site and off-site groundwater contamination ,if present, as well as specific plans such as moisture barrier/vapor barrier and sub-slab depressurization system installation. The Department will follow up with an issuance of a formal review letter of the Spill Response Work Plan. Ciminello sent email to his Project Team with cc to Vought that Project Team:I am forwarding this email to you and copying the NYSDEC to ensure that there is complete understanding on both sides as to what is being said here (based on my interpretation) and what additional steps are expected as this project proceeds. This email, in my opinion, represents the NYSDEC s interest in working with us all to permit the construction of your building in a timely manner (hopefully, with no drag on your construction schedule) while at the same time ensuring that the site is effectively remediated and future residents are fully protected from any remaining contamination.The NYSDEC is agreeing that the excavation of the contaminated soil on the Site and the removal of the tanks are appropriate first steps in site remediation. The NYSDEC states in their email that excavation should proceed to groundwater or bedrock; this statement is consistent with the Work Plan (see Section 2.3.2) wherein it is stated that excavation will extend to the depth required to remove all significantly contaminated soil, or until practical limitations restrict soil removal . The purpose of this statement in the Work Plan, simply, is to direct the contractor to excavate vertically and laterally until clean soils are achieved or until limitations (e.g., groundwater) are reached. With respect to

FUTURE ODYSSEY HOUSE/ FORMER GAS STATION (Continued) **S100145333**

the requested additional water sample, this is not a significant add-on to the Work Plan and may provide some valuable baseline information in the event that groundwater treatment is required at this site.The reference to a Remedial Action Plan in the second paragraph refers to the possible need for groundwater treatment (see Section 2.3.7 of the Work Plan). What is being stated here in the NYSDEC email, as I interpret it, is that the post-excavation sample results will dictate the need for groundwater treatment, including ORC (oxygen release compounds) application. If ORC application is warranted and if that application will need to occur after the construction of the building, then some mechanism to permit the delivery of the ORC will need to be devised prior to the actual building construction. There is a window of time between when the excavation has been completed and when the finished floor and wall of the basement are poured. All parties (us and the NYSDEC) need to work closely within that window to ensure that the design and review of any future groundwater treatment system does not unduly delay construction. Towards this end, a reasonably accurate and realistic construction schedule would be invaluable so that both this office and the NYSDEC are fully aware of how large that window is.It is my hope that this email is clear. To the NYSDEC, if I have misrepresented your statements, please correct me To the Project team, if these comments are unclear please call me.
11/22/11-Vought-Continued file review by Vought. Vought continued review of Combined Phase I and Phase II Environmental Site Assessment (Ecosystems Strategies)dated 7/14/08 which included as Appendix D: Phase I Environmental Site Assessment (EnviroPact Ph:914-963-4346)-8/16/93. Joe Pagan was the owner site and manager of Master Mechanic. Twelve gasoline USTs noted on site that have been filled with concrete and abandoned in place. Report recommends performance of a Phase II. Northern portion of property was leased to a used car dealer with one story building and electrical heating system. One 550-gallon #2 fuel oil UST heats auto repair shop and one 550-gallon waste oil UST is located on the sourthen side of the auto repair shop. A Safety Kleen Parts Cleaner is located within the service bay. The inspector reveiwed an invoice indicating servicing of the parts cleaner during July 1993. According to the July invoice, 14 gallons of solvent were picked up from the site and dispsal manifests provided documentation of proper disposal. No site plan included in file. Site was previously owned by Mobil and K&T Auto Enterprise. Mr Pagan noted twelve USTs were hydrostatical tested by Tone Tank prior to closure but no results on file. Boring logs included show strong odor but boring locations not indicated. Soil analyticals show no detections of gasolien compounds however location or depth of samples now known and as such they may have not been collected or source areas and/or may have been collected below within a groundwater fluctuation zone and cannot be used for source characterization. Combined Phase I and Phase II Environmental Site Assessment (Ecosystems Strategies)continued-7/14/08. Ecosystems installed eleven soil borings via Geoprobe to a maximum depth of twelve feet below grade or refusal was reached . Groundwater encountered from 9-12’bg. Mild to strong petroleum odors and staining were observed at the groundwater interface and at all boring locations in the central portion of the property. All soil samples were collected from the groundwater interface . Fill ports for the heating oil and waste oil USTs are on the North and South sides of the Auto Repair Facility Respectively. No evidence noted of

FUTURE ODYSSEY HOUSE/ FORMER GAS STATION (Continued) **S100145333**

contamination in drain inside service bay of auto repair facility or in drain located between two tank fields. Eleven Geprobe soil borings performed in vicinity of USTs and pump island for gasoline USTs. Soil sampling performed to a maximum depth of twelve feet below grade or until refusal was reached . Soil boring logs show petro contaminated soil at B3(0-12'bg), B6(0-12'bg), B7(0-12'bg), B8(0-12'bg),B9(0-12'bg), B10(0-12'bg), B11(0-12'bg). Soil analyticals show: 1500ppb benzene B6(11-12'bg), 2200ppb ethylbenzene B6(11-12'bg), 1200ppb xylene B6(11-12'bg), 9400ppb n-propylbenzene B6(11-12'bg), 8600ppb ethylbenzene B8(9-10'bg), 11000ppb xylene B8(9-10'bg), 13000ppb 1,3,5-trimethylbenzene B8(9-10'bg), 2300ppb ethylbenzene B10(11-12'bg), 11000ppb xylene B10(11-12'bg), 35500ppb 1,2,4-trimethylbenzene B10(11-12'bg). No groundwater samples collected for analysis. Report recommends excavation of on-site USTs, approximately 2300 cubic yards of soil via an approved DEC Work Plan, installation of monitoring wells, submission of a PBS registration.
11/23/11-Vought-Continued File Review by Vought: Letter Report of Groundwater Sampling (Ecosystems Strategies)-6/23/09. Letter sent to: Tina Ciampa Odyssey House, Inc. 95 Pine Street, 17th Floor New York, NY 10005 Letter documents installation of four monitoring wells and determination of flow direction. Wells installed in May 2009 by Soil Mechanics. Wells were surveyed and developed until parameter stabilization. One inch of free product noted at MW4. Groundwater flow to the east/northeast. No soil samples collected during well installation. Groundwater analyticals show: 230ppb MTBE(MW1), 1600ppb benzene(MW2), 48ppb toluene(MW2), 360ppb ethylbenzene(MW2), 69ppb xylene(MW2), 350ppb MTBE(MW2), 5100ppb benzene(MW3), 2700ppb toluene(MW3), 2800ppb ethylbenzene(MW3), 8800ppb xylene(MW3), 2800ppb benzene(MW4), 6500ppb toluene(MW4), 2800ppb ethylbenzene(MW4), 4400ppb xylene(MW4). Letter concludes increased potential for groundwater contamination to extend off-site beneath Soundview Avenue and notes boom placed in MW4. Report notes that excavation of contaminated soil is necessary and should occur in a timely manner and also anticipates some limited groundwater treatment and notes that a Spill Reponse Work Plan is being prepared.
11/25/11-Vought-Continued file review by Vought: Spill Response Work Plan (Ecosystems Strategies Brian Brannick Ph:845-452-1658)-September 2009. Cover letter dated 9/21/09. Twelve on-site USTs were filled with slurry in March 1993. Work Plan includes proposal to: excavate and remove on-Site USTs and piping and contaminated soil, collect endpoint samples, importation of clean fill for backfill, installation of four off-site monitoring wells, treatment of on-site groundwater (if necessary), installation of an SSDS and preparation of a Spill Closure Report. DEC will be notified at least five days prior to start of fieldwork. Report proposes comparision to TAGM 4046 (not CP51). Two 550-gallon USTs (fuel oil and waste) oil also proposed to be removed along with piping. Report anticipates excavation of 2300 cubic yards of contaminated soil for off-site disposal. Based on estimated excavation dimensions, approximately 8-10 endpoint samples will be collected. After excavation is completed, three wells will be reinstalled (as excavation will destroy all onsite groundwater wells). One well (MW-5) is anticipated to remain after soil excavation. 2 PVC wells will be installed after. Proposal included also for well development and well sampling. If groundwater is impacted a separate Groundwater Remedial Work Plan will be prepared for the site. Site also proposes a 10mil vapor barrier and and suction fans attached to SSDS. Owner will be

FUTURE ODYSSEY HOUSE/ FORMER GAS STATION (Continued) **S100145333**

responsible for periodic inspections of the systems pressure. Email from Ecosystems (Ciminello) to DEC Vought-10/12/11. Email included attached drawings of proposed site. Email notes that most of entire parcel is covered by building but there are landscaped areas in the front as well as rear portions of the Site . Plan shows basement floor at approximately 10'bg. 1/12/12-Vought-Received call from and spoke to Ciminello and they are still reviewing contractors to begin excavation and well installation and excavation will not begin for at least another month.. 2/18/12-Vought-Spoke with DEC John and he has meeting scheduled with Assemblyman Crespo and requested update on spill. Vought called Ciminello and left message to return call. Vought spoke to Ciminello and they have recently located a contractor and executed a contract and excavation scheduled to begin in March. Ciminello that most recent building plans indicated that a basement was to extend to 6'bg (not to groundwater) and as such an active SSDS and vapor barrier will be needed and that he will submit plans to DEC for review. Vought noted that these plans need to be reviewed by NYSDOH and as such submission should be soon so as to not affect developement schedule. Vought also noted he will be drafting and sending requirement letter by tomorrow for review of Spill Repsonse Work Plan. 2/21/12-Vought-Called Ciminello to determine if dewatering was taking place and their is an allowance. Vought began drafting review letter for Work Plan and noted that Work Plan differs from the most recent development plans noted by Ciminello. Work Plan calls for excavation to water table with dewatering (therefore requiring no SSDS) but Ciminello noted that site will not be excavated to water table (and hence SSDS will be required. Vought also noted that plans for development will also affect Department investigatory and remedial requirements (eg removal of all contamination to water table and groundwater recovery from excavation versus in-situ soil and groundwater remediation). Ciminello will call owner and return call to Vought with respect to development plans and possible submission of Addendum or Revised Work Plan for review. 2/22/12-Vought-Sent following email to Ciminello with cc to RSE, DEC John and Regional Director Paul, I am sending this email to confirm our conversation on 2/21 regarding the Spill Response Work Plan dated September 2009 for the above referenced site. The Department will not be issuing a review letter to date for the Work Plan until reception of development plans for the site including depth of the proposed foundation as well as possible dewatering activities. Pending the reception of the proposed foundation depth, the Department may continue to require installation of a sub-slab depressurization system as proposed and forward the complete plans (once received) to NYSDOH for review or may require the installation of a moisture barrier with demonstration of vapor resistance. Foundation depth is also important in that soil contamination, if left in place, will require sampling and remediation. Furthermore, the presence or absence of dewatering activities must also be confirmed as these activities may affect groundwater contamination and further investigatory/remedial requirements of the Department. We look forward to reception of the development plans and possible dewatering activities (possibly in an Work Plan Ammendment or Revision) so that we may issue a subsequent review and requirement letter. Thanks as always and I look forward to your response. Vought received email from Ciminiello that Just got off the phone with the architect. 1.The SSDS will be installed, as the finished floor elevation is 20.36 feet MSL and high water has been measured at 18.9 feet MSL. I will be

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sending you the drawings for you to review and pass on the DOH. Please be advised that these drawings were provided to the contractors as part of their bid, which means that substantive changes become likely change orders. 2.The entire building will be underlain with WR Grace Pre-Pruf waterproofing. This material will provide an added layer of protection against possible vapor intrusion.3.There is no anticipated off-site discharge of groundwater. There will be localized excavations (e.g., elevator pit, sumps, pile caps) where some dewatering will occur, but the contractor anticipates managing this water on-site. This plan presumes that there are not significant sheens or the presence of free product, both of which would necessitate management of this water differently (e.g., vacuum-truck removal).4.A clarification on projected excavation of contaminated soil. The language in the Work Plan was not intended to be confusing. All significantly contaminated soil (bullet #3 of Section 2.3.2) is intended to mean all soils with VOC concentrations above guidance levels and/or all soils that exhibit field evidence of gross contamination. The existing data on the site indicate that contamination extends down to below the water table, and the contractor has been advised (see the next bullet in Section 2.3.2) that removal of contaminated soil below the water table is expected.My sense is that this information should be provided to your office in the form of an Addendum to the Work Plan. Some of the items in the Addendum (e.g., dewatering and SSDS) will already be a part of the project and will have already been incorporated into the contractor s bid which means that, hopefully, the provision of this information to the NYSDEC will document the Site s intent on meeting the Agency s concerns and can be approved with minimal changes. Other items (e.g., off-site monitoring wells with periodic groundwater testing) are tasks that would not be part of the construction firm s contract and are dependent on the condition of the site post-excavation, which means that it can be discussed only generally at this time.It would help to have a clear list of the NYSDEC s concerns to make sure that they are all addressed in the Addendum. It might help if either the draft letter (not for distribution) was sent t me or, at the least, the salient points in the letter were extracted and imported into an email. I know I m starting to rush on this but I am told that the construction firm s contract will be signed next week, which means that the construction clock starts ticking. The sooner you and I resolve these issues, the smoother the project proceeds (at least, in theory). Vought called and spoke to Ciminello and noted that remedial method for groundwater must be submitted as well as remedial dewatering not anticipated. Ciminello noted the he would submit Addendum or Revision to Work Plan that will include provisions for installation of injection chambers under new development (for ORC or other injections), installation of five downgradient monitoring wells (instead of three proposed) and Plans for SSDS. 2/28/12-Vought-RWHRE received call from Rita Barmini (Ph:917-335-0660) and she provided number of phone. Barmini is general contractor (Lettire Construction). They are in process of contract review. Vought noted outstanding requirements and discussion with Ciminello above and suggested that she contact Ciminello for further information. Vought noted that development could not proceed until DEC received and approved Remedial Action Plan. 3/1/12-Vought-Received Addendum to the Spill Reponse Work Plan (dated September 2009) dated February 2012 prepared by Ecosystems Strategies. 3/13/12-Vought-Reviewed Addendum

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to Spill Response Work Plan which included the following: installation of five post remediation monitoring wells with quarterly sampling for one year and needed for future sampling will be discussed with DEC; Wells will be monitored for dissolved oxygen, pH, redox and alkalinity; finished floor elevation will be two feet above groundwater table and as such an SSDS will be needed and entire building will be underlain with Grace Preprufe moisture barrier; Indoor air samples will be collected prior to occupation of the structure; submission of an updated PBS form; agreement that soils above 2'bg will meet Part 375 Unsrestricted and below 2'bg will meet Part 375 Restricted SCOs, site plan and construction plans for SSDS included as well. Vought sent email to NYSDOH Hughes with Work Plan, Work Plan Addendum (including plans for active SSDS) and summary site plans with cc to Ciminello and RSE and request for approval or comments. Vought added Addendum to E-docs as well. 3/15/12-Vought-Received email reply from NYSDOH Hughes and he noted that he reviewed the proposed Workplan and Addendum and concur with the plans for active SSDS. Diagnostic evaluation of the pressure field extension following the EPA Guidance referenced in the workplan would be sufficient to demonstrate that potential soil vapor intrusion would be effectively mitigated. Ecosystems Ciminello copied on email from NYSDOH Hughes and Ciminello replied noting Thank you for the prompt review. I will incorporate these emails into our files and the closure reports will provide documentation of all approved response actions. Vought finalized and sent approval letter for Work Plan and Work Plan Addendum pending inclusion of requirement for submission of submission of Procedures for Diagnostic Evaluation of Sub-Slab Depressurization System(s) Effectiveness and added letter to e-docs. 3/20/12-Vought-Sent email to RSE requesting project transfer to Petroleum Remediation Unit due to long term monitoring associated with groundwater contamination and possibly associated with active SSDS. 3/21/12-Vought-RSE discussed site with DEC John and closure may be considered after a few months of confirmation of effectiveness of active SSDS as long as no continued groundwater effects. Vought to manage project as well until downgradient delineation is performed and necessity of remedial action is determined. Vought called Ciminello and left message that Vought will continue to be PM. 4/18/12-Vought-Received a message from Ecosystems (Melissa Pentz) that We were notified that field work will start Friday April 20th. The first phase will be removal of petroleum contaminated soil in the immediate vicinity of the tanks. A more complete schedule will be provided to you once provided to us. Vought replied with request to be notified upon reaching terminus of excavation so that site visit can be performed. NYS Office of Mental Health Budd Isaacson(Budd.Isaacson@omh.ny.gov) also copied on email. Vought sent reply that Thanks for keeping me posted. Please inform me when the contractor reaches the limits of the excavation as I would like to do a site inspection prior to backfill. I am also pleased that NYS Office of Mental Health is included above as well as I have been also seeking and achieving concurrence from the New York State Department of Health (Mike Hughes, also copied above) on our prior e-mails regarding the Department's requirement in our letter dated 3/20/12 regarding diagnostic evaluation of the pressure field extension of the SSD system following the EPA Guidance. If Mr. Isaacson has any questions or concerns he may also contact me directly. 5/1/12-Vought-DEC Falvey performed routine PBS inspection to site and issued NOV for non-notification of UST removalfor tanks 11 and 12..

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DEC Falvey was told onsite of DEC Voughts approval of Work Plan that included registration of tanks after removal so that their size and construction could be confirmed. DEC Falvey repealled NOV. Vought received email from Ciminello that I am forwarding to you this correspondence submitted to the construction firm implementing the remediation of the above-referenced site. In the subject line above, I have added the NYSDEC Spill Number for tracking purposes. I have also added to the cc list the client so that there is no misunderstanding.The attached documents state that the tanks observed on the site are inconsistent with the tanks that are currently registered by the client. In accordance with the Work Plan approved by the NYSDEC, the owner will submit a revised tank registration form once sufficient work has been completed to conclude that all tanks on the site have been identified. At the current pace of work, that is anticipated to happen within the next few weeks and I anticipate submitting that revised registration form (documenting the closure of all on-site tanks and providing the accurate size for all tanks) shortly.The purpose in submitting this email is to confirm that the client can proceed with the process set forth in the Work Plan and that the Notice of Violation does not exist unless the procedure outlined in the Work Plan is not followed. Thank you for your timely attention to this matter. DEC Falvey sent email that The Notice Of Violation dated April 27, 2012 is withdrawn. However, please be sure to comply with the requirements of the Work Plan for NYSDEC Spill Case 0804131 that was approved by the Department. Subsequent to our telephone conversation on April 27, 2012 regarding this matter, the hard copy of the NOV was not mailed to your client. Ciminello replied that I appreciate the follow-up. I have copied all participants on this email so that all are aware of the NYSDEC s position as well as our obligations moving forward. Vought replied to all with thanks and reminded that DEC needs to be notified upon reaching limits of excavation so that a site visit may be scheduled.
5/4/12-Vought-Received email from Ecosystems (Melissa Pentz) that limits of excavation should be reached on 5/5 and requested DEC site visit on 5/7. Vought sent email that 5/7 was good and proposed time of 10 or 11am. Vought received email from Ecosystems (Ciminello) that Let s meet at the site at 10AM. But I want to be clear, as the note from Melissia misstates the status of the excavation. The contractor has reached the limits of the excavation necessary to drive piles. Once the piles are driven, additional excavation will occur. I wanted to review these steps with you before the next steps occurred so that we could agree on a sampling procedure. Vought replied with confirmation for 10am. 5/8/12-Vought-Site visit by Vought on 5/7 with Ecosystems (Ciminello) and Lettire Construction (Barmini). All USTs and piping were removed from site and site was partially backfilled to bring in pile driving machines. Upon completion of installation of piles, soil will be rexcavated to clean soil or groundwater. Excavation currently backfilled to 4' below grade (contractor inadvertantly mixed clean and contaminated soil and as such all soil below 4' will be disposed of as contaminated. Plastic mesh will be placed at 4 below grade to demarcate where clean fill begins so when rexcavation occurs for the foundation, disposal costs will be minimalized via soil segragation. Lettire Construction noted that pile emplacement will not limit remedial excavation of grossly contaminated soils. Nine test pits installed on southern edge of site and endpoint soil samples collected and will be used for delineation purposes in that direction and soil analyticals show no petroleum

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related VOCS as per Ecosystems. Pile emplacement is scheduled for approximately two weeks followed by excavation (another week). Three off-site delineation wells will be installed by the end of May and the two monitoring wells on the sidewalk immediately adjacent to the site will be installed upon completion of site development (approximately nine months). Ecosystems requested sidewalk permit letter for off-site well installation which will be drafted and sent by Vought. No inquires or complaints received by site personnel to date. Vought sent out sidewalk permit letter to Ecosystems Ciminello and added letter to e-docs. 7/11/13-Vought-Received call from and spoke to Ciminello and he asked if groundwater wells were needed on sidewalk of site eventhough two wells across street showed maximum groundwater concentrations of 8ppb MTBE for at least two quarters. Vought noted that as the plume was delineated and stable and source removal was performed that sidewalk wells were not needed. Ciminello noted that the OMH facility was still under construction and the active SSDS was installed. Vought required that a Site Management Plan also be submitted that will include who is responsible for maintenance and monitoring of the system and Ciminello agreed to submit plan. 8/8/13-Vought-To date file review by Vought: Email from Ecosystems (Pentz) to Vought-5/30/12. Email that Jeff- Just letting you know that we will be installing monitoring wells at the subject site on Monday June 4, 2012. Lettire (Bonomini) replied that Thanks Melissia, Please confirm these are the ones across the street only as discussed. thanks Email from Ecosystems (Conklin) to Vought-7/2/12. Email that Please see the attached status report regarding the above-referenced property. Thank you. Vought added report to E-docs and reviewed: Project Status Report#1(Ecosystems-7/2/12. Petroleum contaminated soil associated with tank filed and pump island were excavated and removed with removal of approximately 1320 cubic yards. PID readings were up to 50ppm but following soil removal were reduced to 17ppm. Soil endpoint samples collected and bottom soils samples collected from soils above the water table that exhibited no field evidence of contamination . Data from samples to be used to see if ORC application is warranted. Wells across strees installed in June 2012. Upcoming work to include continuing to remove petroleum contaminated soil, well sampling, endpoint sampling, possible ORC application and completion of Spill Closure Report. Email from Ecosystems (Pentz) to Vought-2/22/13. Email that Our records indicate that results from the November 2012 groundwater sampling was inadvertently not sent to you. The results from the November sampling indicate no exceedance of regulatory criteria for VOCs or SVOCs. The next quarterly sampling event is scheduled for next week, the results will be forwarded after they are received. Attached is lab report from York Analytical for MW5 and MW6 showing non detect for VOCs and Vought added to E-docs. Email from Pentz to Vought-5/1/13. Email that See below. I uploaded the above-referenced report to you. If you have any questions, please contact Paul Ciminello. Thank you. Email from Ecosystems (Bonneau) to Vought-6/17/13. Email that Dear Mr. Vought, This is in regards to the spill closure report submitted by Ecosystems Strategies in November 2012. As stated in the report, it is the opinion of this office that the spill has been adequately addressed and that the installation of additional monitoring wells is not necessary for the following reasons: 1. The source(s) of on-site contamination (former gasoline tanks and the surrounding petroleum-contaminated soils) have been removed to the extent practical; 2.Soil sampling confirms minimal on-site contamination;

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and,3.Off-site groundwater sampling documents the absence of off-site contamination of dissolved gasoline. If you could please let us know at your earliest convenience your determination on this matter, that would be most appreciated. Email from Ecosystems (Bonneau) to Vought-7/9/13. Email that Hello Mr. Vought,Just checking in again about this spill closure report submitted in November 2012. Please see previous email below for additional information. If you could please let us know at your earliest convenience your determination on this matter, that would be most appreciated. Thank you! Sincerely. Email fron Ecosystems Bonneau to Vought-7/12/13. Email that Dear Mr. Vought,The attached laboratory data results for samples collected in June and November 2012 and March 2013 documents the levels of STARs list VOCs and PAHs in groundwater samples taken from MW-5 and MW-6 located on the eastern side of Soundview Avenue (adjoining the property to the east). MTBE was detected in MW-6 at concentrations ranging from 3 g/L (March 2013) to peak concentrations of 5.4 g/L (June 2012) [NYSDEC TOGS 1.1.1 guidance level: 10 g/L]. These data indicate that concentrations of MTBE in groundwater have decreased over time. No other VOCs or PAHs were detected in groundwater during any sampling event. Based on these data, groundwater at adjoining properties has not been significantly impacted. We will follow up regarding the alarm for the SSDS system. Attached were York Analytical Reports dated 7/9/12 and 3/14/13. Vought added reports to E-docs. 8/9/13-Vought-Emailed Ecosystems Bonneau (Cell:773-726-8195) and required resubmission of Closure Report and also reminded her of pressure field testing or indoor air requirement upon completion of SSDS system. Vought also noted updated PBS Registration submitted for 715 Soundview Avenue showing fourteen closed/removed 550-gallon gasoline USTs. Vought sent email that Danielle, I have been doing some catch up work on my spills and finally have had a chance to review all the correspondence regarding Soundview Avenue to date. Based on the groundwater sample analyticals, the Department has no further concerns with respect to groundwater. Unfortunately, I was also not able to download the Closure Report from the shared site in time before it expired and would appreciate if you could either send me the CD or re-upload it to the site. My requirements to date are best summarized by my spill notes:DEC requires: 1)Re-submission and review of Spill Closure Report 2)Pressure field extension measurements may be considered in lieu of proposed indoor air sample collection as per NYSDOH upon site development. 3)Site Management Plan for Active SSDS as Work Plan noted owner will be responsible for periodic inspections of the systems pressure. Once I receive and review the Spill Closure Report I can formalize these requirements in a letter if you wish. Thanks for your patience and feel free to call me as always if you wish to discuss. Ecosystems Ciminello replied that Jeffrey: Both Danielle and Christine are out of the office today, but I will have my office resend the Spill Closure Report. My understanding is that we are waiting on the contractor to install U-Tube manometers. One that work is completed, this office will prepare a brief Site Management Plan; the owners have already agreed to maintain the system. Vought replied that Paul, Sounds great and I look forward to the Closure Report and SMP. Please keep in mind that NYDSOH is also requiring diagnostic evaluation of the system once completed (or indoor air testing) and this will be needed for Spill Closure as well. As it has been some time, I found my Notes entry regarding the subject as it was some time ago: Vought pasted entry from 3/15/12 above. 8/9/13-Vought-Received Spill File Closure Report

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from Ecosystems dated November 26, 2012 and Revised April 30, 2013. Tanks closed including twelve 550-gallon gasoline, one 550-gallon fuel oil and one 550-gallon waste oil. ORC was also applied to treat onsite groundwater, SSDS and vapor barrier installation was also performed. 5500 gallons of petroleum contaminated groundwater were disposed of. The tanks were all ecased by concrete and were resting on a poured concrete pad which was located approximately eight feet bsg and were filled with slurry/sand. Concrete encasement was destroyed to release the tanks and tanks had mild to moderate surface corrosion and pitting, but no others holes or other overt evidence of breaches were observed, with exception to the one diesel tank (holes were observed) . All associated piping was removed (including the vent lines). Concrete tank pad was removed from the base of the excavation and no PID readings in surronding soils were noted. and no soils odors or discoloration indicating potential petroleum contamination were observed beneath the pad. Groundwater not observed in excavation and a total of 3982 tons of soil were removed. Soil analyticals from endpoints show 440ppb xylene(S2), 2800ppb xylene(S1), 550ppb xylene(P 11 10'bg), 530ppb benzene(P10 10'bg), 8900ppb toluene(P10 10'bg), 27000ppb ethylbenzene(P10 10'bg), 130000ppb xylene(P10 10'bg) and 23,000ppb napthalene(P10 10'bg). Entire building was underlain with Grace Pre-Pruf waterproofing and vacuum readings were obtained from SSDS on 8/7/12 and are provided in report. Vacuum levels greater than .02 inches of water are considered to be adequate, therefore the sub-slab portion of the system is determined to have been installed properly . Soil from sidewalls (eg P10) had slight petroleum odor. Report recommmends Spill Closure. 8/9/13-Vought-Sent email to Ecosystems (Ciminello) that Paul, I have reviewed the Spill Closure Report and from DEC's perspective all looks good but I will have to run it by NYSDOH. I am expecting that some of their concerns will include the information that will be included in the Site Management Plan. As such I am thinking that I will hold on forwarding the Spill Closure Report to them for review until I receive the SMP. If NYSDOH has no issues with the Spill Closure Report or the SMP, the Spill will be closed. Thanks again, Ciminello replied that Thanks. As I ve said, I will complete the SMP once I have the monitors in place. I am hoping that will be done in the next few days, but it is in the hands of the contractor, not me. I will send you the SMP as soon as it is completed. 10/23/13-Vought-File review by Vought: Email from Ecosystems Bonneau to Vought-10/1/13. Email that Dear Jeffrey, This is a follow-up to our conversations back in August regarding the Soundview site. We have confirmed that magnehelic gauges have been installed on the property and are just waiting for the GC to confirm the installation of the alarm. We wanted to confirm whether or not the department will require continued groundwater sampling (from remaining off-site wells). As we said previously, samples collected in June and November 2012 and March 2013 from MW-5 and MW-6 located on the eastern side of Soundview Avenue (adjoining the property to the east) document that MTBE was detected in MW-6 at concentrations ranging from 3 g/L (March 2013) to peak concentrations of 5.4 g/L (June 2012) [NYSDEC TOGS 1.1.1 guidance level: 10 g/L]. These data indicate that concentrations of MTBE in groundwater have decreased over time. No other VOCs or PAHs were detected in groundwater during any sampling event. If you would like any additional information, or have questions or concerns, please let us know! Email from Durga Vallabhaneni (Odyssey House)-10/16/13. Email with attached Site

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Management Plan. Site Management Plan (Odyssey House)-10/14/13. Odyssey House hereby assumes responsibility for the implementation of the SMP and affirms that we will be rsponsible for the monitoring and maintenance of the SSDS . Plan includes SSDS Inspection/Monitoring Checklist, Engineering Control Plan that includes description of SSDS, vacuum testing of the SSDS, discussion of SSDS system indicators (audible alarm if insufficient vacuum), biannual inspections including engineering control certifications and completion of the Inspection Form. Plan also includes notificaion to DEC if: 1)notice within 48 hours of any damage or defect to the effectiveness of the EC 2)follow up status reports on actions taken to respond to any emergenc event regarding the EC. Plan also includes discussion with DEC if the active SSDS is no loner needed and possible conversion to a passive SSDS. Termination will only be done with permission of site owner and the NYSDEC. 10/22/13-Vought-Replied to email dated 10/1/13 that Danielle, My apologies for the late response. The Department will no longer require continued groundwater sampling of the remaining off-site wells as groundwater concentrations are within natural attenuation parameters. Thanks . Vought added SMP received on 10/16/13 to E-docs. 10/23/13-Vought-Sent email to NYDSOH Hughes with cc to Odyssey House and Ciminello that Mike, I hope all is well during your time of major staffing transitions at NYSDOH. I emailed you last year regarding the above site and I have attached our last below email string as a refresher if you need it. You requested below for evaluation of the pressure field extension for an active SSDS and as per the below attached Spill Closure Report (abbreviated version to save your mailbox) the entire building was underlain with Grace Pre-Pruf waterproofing and vacuum readings were obtained from SSDS on 8/7/12 and are provided in report. Vacuum levels greater than .02 inches of water are considered to be adequate, therefore the sub-slab portion of the system is determined to have been installed properly . I have also attached a copy of the Site Management Plan detailing the OM&M of the SSDS as well.I am quite close to closing the spill case but wanted your concurrence (if possible) on the adequacy of the evaluation of the SSDS and SMP considering the sensitive nature of the future building occupants.Thanks again Mike and we understand this may take a bit of time considering the staffing changes NYSDOH is undergoing. Vought also forwarded email to NYSDOH OMH Isacson. Vought received reply from NYSDOH Hughes requesting a call. 10/28/13-Vought-Called NYSDOH Hughes and left message to return call to Vought. Vought received callback from Hughes and Hughes requested Vought to call back in one week to discuss. 11/4/13-Vought-Sent NYSDOH Hughes email with inquiry as to update on review of email dated 10/23. Vought received email from NYSDOH Hughes with with approval of SMP and Spill Closure. This spill closed by Vought and Spill Closure letter sent to: Tina Ciampa Odyssey House, Inc. 95 Pine Street, 17th Floor New York, NY 10005 with cc to DOH OMH Issacson, DOH Hughes, Ciminello, and DEC Austin. Copy of closure letter filed in E-docs as well. Vougt added clause to Closure Letter noting that The New York State Department of Health and the Department have reviewed and approved the proposal for the active sub-slab depressurization system (the system) in the Spill File Closure Report revised April 30, 213 and the Site Management Plan (the SMP) dated October 2013, prepared by Ecosystems Strategies, Inc. The system must be monitored and maintained in accordance with the procedures set forth in the SMP, dated October 2013, including all system equipment such as piping, fans, vacuum gauge and low

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Remarks:	vacuum visual alarm as well as Departmental notification of significant operational and maintenance related issues. " "during borings found contaminated soil near former tanks: former spill # 8808359- mr ketani from dec handled"

All Materials:

Site ID:	400982
Operable Unit ID:	1157791
Operable Unit:	01
Material ID:	2148827
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

N82 **CON EDISON** **NY MANIFEST** **S118090891**
NNW **TAYLOR AVE & STORY AVE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.176 mi.
929 ft. **Site 4 of 6 in cluster N**

Relative:
Lower

Actual:
9 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	TAYLOR AVE & STORY AVE
City,State,Zip:	BRONX, NY 10473
Country:	USA
EPA ID:	NYP004785358
Facility Status:	Not reported
Location Address 1:	TAYLOR AVE & STORY AVE
Code:	BP
Location Address 2:	VAULT # 543
Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	10473
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004785358
Mailing Name:	CON EDISON
Mailing Contact:	TOM TELLING
Mailing Address 1:	4 IRVING PLACE-15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported

CON EDISON (Continued) **S118090891**

seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	05/21/2015
Trans1 Recv Date:	05/21/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/27/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004785358
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014085194JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

N83 **CON EDISON** **RCRA NonGen / NLR** **1019903424**
NNW **TAYLOR AVE & STORY AVE** **NYP004785358**
1/8-1/4 **BRONX, NY 10473**
0.176 mi.
929 ft. **Site 5 of 6 in cluster N**

Relative: RCRA NonGen / NLR:
Lower
Date form received by agency: 2015-05-21 00:00:00.0
Actual: Facility name: CON EDISON
9 ft. Facility address: TAYLOR AVE & STORY AVE
BRONX, NY 10473

CON EDISON (Continued) **1019903424**

EPA ID: NYP004785358
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2015-05-21 00:00:00.0
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

N84 **CON EDISON** **NJ MANIFEST** **S120672019**
NNW **TAYLOR AVE & STORY AVE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.176 mi.
929 ft. **Site 6 of 6 in cluster N**

Relative: NJ MANIFEST:
Lower
Actual: EPA Id: NYP004785358
9 ft. Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported

CON EDISON (Continued) **S120672019**

Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014085194JJK
EPA ID:	NYP004785358
Date Shipped:	5/21/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

85
SE
1/8-1/4
0.178 mi.
939 ft.

KIPS BAY BOYS & GIRLS CLUB
1930 RANDALL AVE
BRONX, NY 10473

NY AST **U004076263**
N/A

Relative:
Lower

Actual:
9 ft.

AST:

Name:	KIPS BAY BOYS & GIRLS CLUB
Address:	1930 RANDALL AVE
City,State,Zip:	BRONX, NY 10473
Region:	STATE

KIPS BAY BOYS & GIRLS CLUB (Continued) **U004076263**

DEC Region: 2
Site Status: Active
Facility Id: 2-085456
Program Type: PBS
UTM X: 596402.23803
UTM Y: 4519140.26449
Expiration Date: 03/24/2022
Site Type: Other

Affiliation Records:

Site Id: 2050
Affiliation Type: Facility Owner
Company Name: KIPS BAY BOYS & GIRLS CLUB
Contact Type: DIRECTOR
Contact Name: BENJAMIN BLUMBERG
Address1: 1930 RANDALL AVE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10473
Country Code: 001
Phone: (718) 893-8600
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-05-23

Site Id: 2050
Affiliation Type: Mail Contact
Company Name: KIPS BAY BOYS & GIRLS CLUB
Contact Type: Not reported
Contact Name: BENJAMIN BLUMBERG
Address1: 1930 RANDALL AVE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10473
Country Code: 001
Phone: (718) 893-8600
EMail: BEN.BLUMBERGKIPSBAY.ORG
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-05-23

Site Id: 2050
Affiliation Type: Facility Operator
Company Name: KIPS BAY BOYS & GIRLS CLUB
Contact Type: Not reported
Contact Name: ANDRES CABRERA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 893-8600
EMail: Not reported
Fax Number: Not reported

KIPS BAY BOYS & GIRLS CLUB (Continued) **U004076263**

Modified By:	BVCAMPBE
Date Last Modified:	2012-01-24
Site Id:	2050
Affiliation Type:	Emergency Contact
Company Name:	KIPS BAY BOYS & GIRLS CLUB
Contact Type:	Not reported
Contact Name:	ANDRES CABRERA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 417-0508
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2017-05-23

Tank Info:

Tank Number:	001
Tank Id:	3313
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
K99 - Spill Prevention - Other
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	Aboveground in subterranean vault with access for inspections.....
	Tank in subterranean vault but accessible for inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/1968
Capacity Gallons:	7500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMPOKRZY
Last Modified:	05/23/2017
Material Name:	#2 fuel oil (on-site consumption)

P86 **LEELAND HOUSES** **NY LTANKS** **S100144992**
North **955 UNDERHILL AVENUE** **N/A**
1/8-1/4 **BRONX, NY**
0.179 mi.
943 ft. **Site 2 of 2 in cluster P**

Relative: **Lower**

Actual: **13 ft.**

LTANKS:

Name:	LEELAND HOUSES
Address:	955 UNDERHILL AVENUE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	8709685 / 2003-03-04
Facility ID:	8709685
Site ID:	60666
Spill Date:	1988-02-16
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	c4
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	SULLIVAN
Referred To:	Not reported
Reported to Dept:	1988-02-17
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-02-23
Spill Record Last Update:	2003-03-13
Spiller Name:	Not reported
Spiller Company:	LEELAND HOUSES
Spiller Address:	945-955 UNDERHILL AVENUE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	59183
DEC Memo:	""
Remarks:	"4.0 INCHES OF OIL IN THE ELEVATOR SHAFT AWAITING A RESPONSE FROM N.Y. D.E.C. FOR APPROPRIATE ACTION."

All TTF:

Facility ID:	8709685
Spill Number:	8709685
Spill Tank Test:	1533241
Site ID:	60666
Tank Number:	Not reported
Tank Size:	0
Material:	0003
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00

LEELAND HOUSES (Continued) **S100144992**

Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 60666
Operable Unit ID: 915097
Operable Unit: 01
Material ID: 461475
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: .00
Oxygenate: Not reported

87
East
1/8-1/4
0.196 mi.
1035 ft.

CON ED - V 2437 **RCRA NonGen / NLR** **1007206194**
PUGSLEY AVE & SEWARD AVE **NY MANIFEST** **NYP004005369**
BRONX, NY 10473

Relative:
Lower

Actual:
10 ft.

RCRA NonGen / NLR:
Date form received by agency: 1998-02-28 00:00:00.0
Facility name: CON ED - V 2437
Facility address: PUGSLEY AVE & SEWARD AVE
BRONX, NY 10473-0000
EPA ID: NYP004005369
Mailing address: CONSOLIDATED EDISON INC
4 IRVING PL RM 300
NEW YORK, NY 10003-0000
Contact: ANTHONY DRUMMINGS
Contact address: CONSOLIDATED EDISON INC
NEW YORK, NY 10003-0000
Contact country: US
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No

CON ED - V 2437 (Continued) **1007206194**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 1998-02-27 00:00:00.0
Site name: CON ED - V 2437
Classification: Not a generator, verified

Date form received by agency: 1998-02-26 00:00:00.0
Site name: CON ED - V 2437
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
Name: CONSOLIDATED EDISON
Address: PUGSLEY AVE & SEWARD AVE
City,State,Zip: BRONX, NY 10473-0000
Country: USA
EPA ID: NYP004005369
Facility Status: Not reported
Location Address 1: V2437 - PUGSLEY & SEWARD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004005369
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602808

NY MANIFEST:
Document ID: NYG0123696
Manifest Status: C
seq: Not reported
Year: 1997
Trans1 State ID: GX3216
Trans2 State ID: Not reported
Generator Ship Date: 03/07/1997
Trans1 Recv Date: 03/07/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 03/10/1997
Part A Recv Date: 03/24/1997
Part B Recv Date: 03/20/1997

CON ED - V 2437 (Continued) **1007206194**

Generator EPA ID:	NYP004005369
Trans1 EPA ID:	NYD006982359
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980593636
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	B003 - PETROLEUM OIL WITH 500 PPM OR > PCB
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00345
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100

T88 **NYC DEPT OF EDUCATION - PUBLIC SCHOOL 69X** **RCRA-LQG** **1000912724**
South **560 THERIOT AVE** **FINDS** **NY0000903567**
1/8-1/4 **BRONX, NY 10458** **ECHO**
0.203 mi. **NY MANIFEST**
1073 ft. **Site 1 of 2 in cluster T** **NY LEAD**

Relative:
Higher

Actual:
30 ft.

RCRA-LQG:

Date form received by agency:	2012-07-16 00:00:00.0
Facility name:	NYC DEPT OF EDUCATION - PUBLIC SCHOOL 69X
Facility address:	560 THERIOT AVE BRONX, NY 10458
EPA ID:	NY0000903567
Mailing address:	CENTRE ST - 17TH FL NEW YORK, NY 10007
Contact:	PLACIDO IMPOLLONIA
Contact address:	CENTRE ST - 17TH FL NEW YORK, NY 10007
Contact country:	US
Contact telephone:	212-669-7628
Contact email:	PAIMPOLLONIA@DCAS.NYC.GOV
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous

NYC DEPT OF EDUCATION - PUBLIC SCHOOL 69X (Continued) **1000912724**

waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	NYC DEPT OF EDUCATION
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	2002-08-26 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	NYC DEPT OF EDUCATION
Owner/operator address:	CHAMBER ST
	NEW YORK, NY 10007
Owner/operator country:	US
Owner/operator telephone:	212-374-6769
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	2002-08-26 00:00:00.
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2007-01-01 00:00:00.0
Site name:	NYC BD OF ED - PUBLIC SCHOOL 69 BRONX
Classification:	Not a generator, verified

NYC DEPT OF EDUCATION - PUBLIC SCHOOL 69X (Continued) **1000912724**

Date form received by agency: 2006-01-01 00:00:00.0
Site name: NYC BD OF ED - PUBLIC SCHOOL 69 BRONX
Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0
Site name: NYC BD OF ED - PUBLIC SCHOOL 69 BRONX
Classification: Not a generator, verified

Date form received by agency: 1995-07-27 00:00:00.0
Site name: NYC BD OF ED - PUBLIC SCHOOL 69 BRONX
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: B007
. Waste name: Other PCB wastes, including contaminated soil, solids, sludges, clothing, rags and dredge material.

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

FINDS:
Registry ID: 110004321234

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000912724
Registry ID: 110004321234
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004321234
Name: NYC DEPT OF EDUCATION - PUBLIC SCHOOL 69X
Address: 560 THERIOT AVE
City,State,Zip: BRONX, NY 10458

NY MANIFEST:
Name: NEW YORK CITY B O E
Address: 560 THERIOT AVE
City,State,Zip: BRONX, NY 10473-2920
Country: USA

NYC DEPT OF EDUCATION - PUBLIC SCHOOL 69X (Continued) **1000912724**

EPA ID:	NY0000903567
Facility Status:	Not reported
Location Address 1:	PS-69
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	10473
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NY0000903567
Mailing Name:	NEW YORK CITY B O E
Mailing Contact:	JACK BRUCCULERI
Mailing Address 1:	560 THERIOT AVE
Mailing Address 2:	Not reported
Mailing City:	BRONX
Mailing State:	NY
Mailing Zip:	10473
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183495600

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJD000692061
Trans2 State ID:	Not reported
Generator Ship Date:	08/30/2012
Trans1 Recv Date:	08/30/2012
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/11/2012
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NY0000903567
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	ALD000622464
TSDF ID 2:	Not reported
Manifest Tracking Number:	000681371VES
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H132
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

NYC DEPT OF EDUCATION - PUBLIC SCHOOL 69X (Continued) **1000912724**

Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	626
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	B007
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

NYC LEAD 2:

Name:	P.S. 69 MINISCHOOL - BRONX
Address:	560 THERIOT AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X869
Room:	101
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NO
Stabilization Complete:	NA

Name:	P.S. 69 MINISCHOOL - BRONX
Address:	560 THERIOT AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X869
Room:	102
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NO
Stabilization Complete:	NA

Name:	P.S. 69 MINISCHOOL - BRONX
Address:	560 THERIOT AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X869
Room:	103
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NO
Stabilization Complete:	NA

Name:	P.S. 69 MINISCHOOL - BRONX
Address:	560 THERIOT AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X869
Room:	104

NYC DEPT OF EDUCATION - PUBLIC SCHOOL 69X (Continued) **1000912724**

Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NO
Stabilization Complete:	NA
Name:	P.S. 69 MINISCHOOL - BRONX
Address:	560 THERIOT AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X869
Room:	106
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NO
Stabilization Complete:	NA
Name:	P.S. 69 MINISCHOOL - BRONX
Address:	560 THERIOT AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X869
Room:	107
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NO
Stabilization Complete:	NA
Name:	P.S. 69 MINISCHOOL - BRONX
Address:	560 THERIOT AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X869
Room:	108
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NO
Stabilization Complete:	NA
Name:	P.S. 69 MINISCHOOL - BRONX
Address:	560 THERIOT AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X869
Room:	109
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NO
Stabilization Complete:	NA
Name:	P.S. 69 MINISCHOOL - BRONX
Address:	560 THERIOT AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X869
Room:	110
Deteriorated Paint:	NO
Presence of LBP:	NA

NYC DEPT OF EDUCATION - PUBLIC SCHOOL 69X (Continued) **1000912724**

Stabilization Required:	NO
Stabilization Complete:	NA
Name:	P.S. 69 MINISCHOOL - BRONX
Address:	560 THERIOT AVENUE
City,State,Zip:	BRONX, NY
Geographical District:	8
Building Code:	X869
Room:	156
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NO
Stabilization Complete:	NA

T89 **PUBLIC SCHOOL 69 - BRONX X069** **NY AST** **A100178435**
South **560 THIERIOT AVENUE** **N/A**
1/8-1/4 **BRONX, NY 10472**
0.203 mi.
1073 ft. **Site 2 of 2 in cluster T**

Relative: **Higher**
Actual: **30 ft.**

AST:

Name:	PUBLIC SCHOOL 69 - BRONX X069
Address:	560 THIERIOT AVENUE
City,State,Zip:	BRONX, NY 10472
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-606255
Program Type:	PBS
UTM X:	596073.15516
UTM Y:	4519020.35453
Expiration Date:	07/11/2021
Site Type:	School

Affiliation Records:

Site Id:	28119
Affiliation Type:	Facility Operator
Company Name:	PUBLIC SCHOOL 69-BRONX X069
Contact Type:	Not reported
Contact Name:	NELSON GONZALEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 991-2941
EMail:	Not reported
Fax Number:	Not reported
Modified By:	HDDUPIGN
Date Last Modified:	2015-11-04
Site Id:	28119
Affiliation Type:	Mail Contact
Company Name:	NYC DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	MUNENDRA SHARMA
Address1:	FIELD OPERATIONS - FUEL DIVISION

PUBLIC SCHOOL 69 - BRONX X069 (Continued) **A100178435**

Address2:	44-36 VERNON BLVD.
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
EMail:	MSHARMA@SCHOOLS.NYC.COM
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-04-11

Site Id:	28119
Affiliation Type:	Emergency Contact
Company Name:	NYC DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	KEN MAHADEO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 210-7918
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2020-02-04

Site Id:	28119
Affiliation Type:	Facility Owner
Company Name:	NYC DEPARTMENT OF EDUCATION
Contact Type:	MANAGER FUEL DIVISION
Contact Name:	MUNENDRA SHARMA
Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
EMail:	MSHARMA@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2018-03-26

Tank Info:

Tank Number:	001
Tank Id:	61170
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None

PUBLIC SCHOOL 69 - BRONX X069 (Continued) **A100178435**

B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
K01 - Spill Prevention - Catch Basin
I02 - Overfill - High Level Alarm
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
G02 - Tank Secondary Containment - Vault (w/access)
L00 - Piping Leak Detection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/2000
Capacity Gallons: 7500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: LSZINOMA
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 002
Tank Id: 61171
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
I02 - Overfill - High Level Alarm
J02 - Dispenser - Suction Dispenser
G02 - Tank Secondary Containment - Vault (w/access)
L00 - Piping Leak Detection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/2000
Capacity Gallons: 7500
Tightness Test Method: NN
Date Test: Not reported

PUBLIC SCHOOL 69 - BRONX X069 (Continued) **A100178435**

Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	LSZINOMA
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

U90 **CON EDISON** **NY MANIFEST** **S117059096**
West **LAFAYETTE AVE & SOUNDVIEW AVE** **N/A**
1/8-1/4 **BRONX, NY 10457**
0.205 mi.
1085 ft. **Site 1 of 5 in cluster U**

Relative:
Higher

Actual:
28 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	LAFAYETTE AVE & SOUNDVIEW AVE
City,State,Zip:	BRONX, NY 10457
Country:	USA
EPA ID:	NYP004512398
Facility Status:	Not reported
Location Address 1:	LAFAYETTE AVE
Code:	BP
Location Address 2:	SB26938
Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	10461
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004512398
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	04/25/2014
Trans1 Recv Date:	04/25/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/01/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004512398
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

CON EDISON (Continued) **S117059096**

TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002359989GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	600
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

U91 **CON EDISON MANHOLE: 26938** **RCRA NonGen / NLR** **1017773456**
West **LAFAYETTE AVE & SOUNDVIEW AVE** **FINDS** **NYP004512398**
1/8-1/4 **BRONX, NY 10457**
0.205 mi.
1085 ft. **Site 2 of 5 in cluster U**

Relative: **Higher**

Actual: **28 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2014-05-25 00:00:00.0
Facility name:	CON EDISON MANHOLE: 26938
Facility address:	LAFAYETTE AVE & SOUNDVIEW AVE BRONX, NY 10457
EPA ID:	NYP004512398
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

CON EDISON MANHOLE: 26938 (Continued) **1017773456**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2014-04-25 00:00:00.0
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 2014-04-25 00:00:00.0
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:
Registry ID: 110063777765

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

U92 **REDI CLEANERS** **NY DRYCLEANERS** **S110247758**
West **755 COMMONWEALTH AVENUE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.209 mi.
1106 ft. **Site 3 of 5 in cluster U**

Relative:
Higher

Actual:
28 ft.

DRYCLEANERS:
Name: REDI CLEANERS
Address: 755 COMMONWEALTH AVENUE
City,State,Zip: BRONX, NY 10473
Facility ID: 2-6007-00594
Phone Number: NOT LISTED
Region: Not reported
Registration Effective Date: N/A
Inspection Date: 11/21/2003

REDI CLEANERS (Continued) **S110247758**

Install Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Y
Alternate Solvent:	Not reported
Current Business:	Not reported

U93 **REDI CLEANERS** **RCRA NonGen / NLR** **1000244776**
West **755 COMMONWEALTH AVENUE** **ICIS** **NYD042037622**
1/8-1/4 **BRONX, NY 10473** **FINDS**
0.209 mi. **ECHO**
1106 ft. **Site 4 of 5 in cluster U** **NY MANIFEST**

Relative:
Higher

Actual:
28 ft.

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	REDI CLEANERS
Facility address:	755 COMMONWEALTH AVE BRONX, NY 10473
EPA ID:	NYD042037622
Mailing address:	COMMONWEALTH AVE BRONX, NY 10473
Contact:	Not reported
Contact address:	COMMONWEALTH AVE BRONX, NY 10473
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	YU HANG KIM
Owner/operator address:	144-15 41ST AVE FLUSHING, NY 11355
Owner/operator country:	US
Owner/operator telephone:	718-939-6197
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	YU HANG KIM
Owner/operator address:	144-15 41ST AVE FLUSHING, NY 11355
Owner/operator country:	US
Owner/operator telephone:	718-939-6197
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

REDI CLEANERS (Continued) **1000244776**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: REDI CLEANERS
Classification: Not a generator, verified

Date form received by agency: 1995-04-03 00:00:00.0
Site name: REDI CLEANERS
Classification: Not a generator, verified

Date form received by agency: 1992-09-16 00:00:00.0
Site name: REDI CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

ICIS:
Enforcement Action ID: 02-1997-0422
FRS ID: 110001599084
Action Name: REDI CLEANERS
Facility Name: REDI CLEANERS

REDI CLEANERS (Continued) **1000244776**

Facility Address:	755 COMMONWEALTH AVENUE BRONX, NY 10462
Enforcement Action Type:	CAA 113A Admin Compliance Order (Non-Penalty)
Facility County:	BRONX
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	113A
Facility SIC Code:	7216
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.820036
Longitude in Decimal Degrees:	-73.865499
Permit Type Desc:	Not reported
Program System Acronym:	27688
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	REDI CLEANERS
Address:	755 COMMONWEALTH AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	7216

Facility Name:	REDI CLEANERS
Address:	755 COMMONWEALTH AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	7216

Facility Name:	REDI CLEANERS
Address:	755 COMMONWEALTH AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	7216

FINDS:
Registry ID: 110001599084

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to

REDI CLEANERS (Continued) **1000244776**

replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000244776
Registry ID:	110001599084
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001599084
Name:	REDI CLEANERS
Address:	755 COMMONWEALTH AVENUE
City,State,Zip:	BRONX, NY 10473

NY MANIFEST:

Name:	REDI CLEANERS INC
Address:	755 COMMONWEALTH AVE
City,State,Zip:	BRONX, NY 10473
Country:	USA
EPA ID:	NYD042037622
Facility Status:	Not reported
Location Address 1:	755 COMMONWEALTH AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	NEW YORK
Location State:	NY
Location Zip:	10473
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD042037622
Mailing Name:	REDI CLEANERS INC
Mailing Contact:	REDI CLEANERS INC
Mailing Address 1:	755 COMMONWEALTH AVE
Mailing Address 2:	Not reported
Mailing City:	BRONX
Mailing State:	NY
Mailing Zip:	10473
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2128934488

NY MANIFEST:

Document ID:	NYC5854116
Manifest Status:	Not reported
seq:	01
Year:	1999
Trans1 State ID:	JE4550NY

REDI CLEANERS (Continued) **1000244776**

Trans2 State ID:	T423NXNJ
Generator Ship Date:	07/22/1999
Trans1 Recv Date:	07/22/1999
Trans2 Recv Date:	07/28/1999
TSD Site Recv Date:	07/30/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD042037622
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	SCD987574647
TSDF ID 1:	OHD980587364
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

V94 **NYCHA - MONROE HOUSES** **RCRA-SQG** **1024892312**
NW **1779 STORY AVE** **NYR000239111**
1/8-1/4 **BRONX, NY 10473**
0.210 mi.
1109 ft. **Site 1 of 3 in cluster V**

Relative: RCRA-SQG:
Lower

Date form received by agency:	2018-11-01 00:00:00.0
Facility name:	NYCHA - MONROE HOUSES
Facility address:	1779 STORY AVE BRONX, NY 10473
EPA ID:	NYR000239111
Mailing address:	STORY AVE BRONX, NY 10473
Contact:	JOHN RIVERA
Contact address:	STORY AVE BRONX, NY 10473
Contact country:	US
Contact telephone:	718-542-1900
Contact email:	JOHNRIVERA@NYCHA.NYC.GOV

Actual:
15 ft.

NYCHA - MONROE HOUSES (Continued) **1024892312**

EPA Region: 02
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: ROBERT MALLAMO
Owner/operator address: 49TH AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: ROBERTMALLAMO@NYCHA.NYC.GOV
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: JOHN RIVERA
Owner/operator address: STORY AVE
BRONX, NY 10473
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

NYCHA - MONROE HOUSES (Continued) **1024892312**

Violation Status: No violations found

V95 **MONROE HOUSES** **NY UST** **U000410695**
NW **1775 STORY AVENUE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.215 mi.
1137 ft. **Site 2 of 3 in cluster V**

Relative:
Lower

Actual:
12 ft.

UST:

Name:	MONROE HOUSES
Address:	1775 STORY AVENUE
City,State,Zip:	BRONX, NY 10473
Id/Status:	2-473642 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	03/28/2024
UTM X:	595664.57827
UTM Y:	4519801.48360
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	20839
Affiliation Type:	Mail Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	FUEL OIL REMEDIATION COORDINATOR
Address1:	23-02 49TH AVENUE
Address2:	TECH SERVS DEPT - 5TH FLOOR
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5725
EMail:	YELENA.TKACH@NYCHA.NYC.GOV
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-02-28

Site Id:	20839
Affiliation Type:	Emergency Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	EMERGENCY SERVICES DEPT.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 707-5900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2014-10-03

Site Id:	20839
Affiliation Type:	Facility Operator
Company Name:	MONROE HOUSES

MONROE HOUSES (Continued) **U000410695**

Contact Type:	Not reported
Contact Name:	FUEL OIL REMEDIATION UNIT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2014-02-03

Site Id:	20839
Affiliation Type:	Facility Owner
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	COORDINATOR
Contact Name:	YELENA TKACH
Address1:	23-02 49TH AVENUE
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5806
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-02-28

Tank Info:

Tank Number:	1
Tank ID:	55454
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	20000
Install Date:	02/01/1998
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	E
Modified By:	JSMACRI
Last Modified:	02/27/2019

Equipment Records:

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off

MONROE HOUSES (Continued) **U000410695**

K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
D11 - Pipe Type - Flexible Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
F05 - Pipe External Protection - Jacketed
H05 - Tank Leak Detection - In-Tank System (ATG)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
E04 - Piping Secondary Containment - Double walled UG

Tank Number:	2
Tank ID:	55455
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	20000
Install Date:	02/01/1998
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	E
Modified By:	JSMACRI
Last Modified:	02/27/2019

Equipment Records:

B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
D11 - Pipe Type - Flexible Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
F05 - Pipe External Protection - Jacketed
H05 - Tank Leak Detection - In-Tank System (ATG)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
E04 - Piping Secondary Containment - Double walled UG

Tank Number:	OLD 1
Tank ID:	37540
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	30000
Install Date:	10/01/1961

MONROE HOUSES (Continued) **U000410695**

Date Tank Closed: 08/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None

Tank Number: OLD 2
Tank ID: 37541
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 30000
Install Date: 10/01/1961
Date Tank Closed: 08/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None

V96 **MONROE HOUSES** **NY LTANKS** **S102663342**
NW **1775 STORY AVE** **NY Spills** **N/A**
1/8-1/4 **BRONX, NY**
0.215 mi.
1137 ft. **Site 3 of 3 in cluster V**

Relative:
Lower

Actual:
12 ft.

LTANKS:

Name:	MONROE -NYCHA
Address:	1775 STORY AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9401208 / 2005-12-09
Facility ID:	9401208
Site ID:	71907
Spill Date:	1994-04-25
Spill Cause:	Tank Test Failure
Spill Source:	Unknown
Spill Class:	C5
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	SWKRASZE
Referred To:	Not reported
Reported to Dept:	1994-04-25
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-04-29
Spill Record Last Update:	2005-12-09
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	156466
DEC Memo:	"12/09/05: This spill transferred from J.Kolleeny to S.Kraszewski. This spill closed to consolidate with open spill #9704735."
Remarks:	"WILL START TO EMPYT TANK-ISOLATE"

All TTF:

Facility ID:	9401208
Spill Number:	9401208
Spill Tank Test:	1542649
Site ID:	71907
Tank Number:	001
Tank Size:	0
Material:	0685A
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00

MONROE HOUSES (Continued) **S102663342**

Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 71907
Operable Unit ID: 995058
Operable Unit: 01
Material ID: 384972
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Oxygenate: Not reported

Site ID: 71907
Operable Unit ID: 995058
Operable Unit: 01
Material ID: 384973
Material Code: 0685A
Material Name: ATF
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

Name: MONROE -NYCHA
Address: 1775 STORY AVE
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 9200746 / 1995-04-26
Facility ID: 9200746
Site ID: 141683
Spill Date: 1992-04-20
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C4
Cleanup Ceased: 1995-04-26
SWIS: 0301
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1992-04-20
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1992-04-24
Spill Record Last Update: 2005-12-09

MONROE HOUSES (Continued) **S102663342**

Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	156466
DEC Memo:	""
Remarks:	"E I & R. SEE SPILL # 9401208"

All TTF:

Facility ID:	9200746
Spill Number:	9200746
Spill Tank Test:	1539891
Site ID:	141683
Tank Number:	001
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	141683
Operable Unit ID:	967991
Operable Unit:	01
Material ID:	415522
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Name:	MONROE -NYCHA
Address:	1775 STORY AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9103848 / 2005-12-09
Facility ID:	9103848
Site ID:	83305
Spill Date:	1991-07-10
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported

MONROE HOUSES (Continued) **S102663342**

SWIS:	0301
Investigator:	SWKRASZE
Referred To:	Not reported
Reported to Dept:	1991-07-10
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-07-12
Spill Record Last Update:	2005-12-09
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	156466
DEC Memo:	"12/09/05: This spill transferred from J.Kolleeny to S.Kraszewski. This spill closed to consolidate with open spill #9704735."
Remarks:	"30K HORNER EZY CHECK; VISUAL LEAK, WILL EXCAVATE & INVESTIGATE"

All TTF:

Facility ID:	9103848
Spill Number:	9103848
Spill Tank Test:	1538745
Site ID:	83305
Tank Number:	001
Tank Size:	0
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

Facility ID:	9103848
Spill Number:	9103848
Spill Tank Test:	1538746
Site ID:	83305
Tank Number:	002
Tank Size:	0
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00

MONROE HOUSES (Continued) **S102663342**

Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 83305
Operable Unit ID: 957766
Operable Unit: 01
Material ID: 422964
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: MONROE HOUSES -NYCHA
Address: 1775 STORY AVE
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 9609279 / 2016-03-23
Facility ID: 9609279
Facility Type: ER
DER Facility ID: 156466
Site ID: 187275
DEC Region: 2
Spill Cause: Human Error
Spill Class: B3
SWIS: 0301
Spill Date: 1996-10-24
Investigator: jkkann
Referred To: CLEAN GW SAMPLES, CONSIDER FOR CLOSURE
Reported to Dept: 1996-10-24
CID: 270
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1996-10-24
Spill Record Last Update: 2016-03-23
Spiller Name: MIKE GENTILS
Spiller Company: H2M
Spiller Address: 575 BROAD HOLLOW ROAD
Spiller Company: 001
Contact Name: JOHN GADSON
DEC Memo: "12/12/05: This spill transferred from J.Kolleeny to S.Kraszewski.

MONROE HOUSES (Continued) **S102663342**

03/23/06: This spill transferred to K.Tang - SK 12/18/07: J.Kann - spill consolidated with 9704735 and reassigned to J.Kann. From 9704735 07/26/06: NYCHA update summary states that two 30K USTs installed in 1961 that stored #4 and #6 oil were removed and replaced by two 20K USTs in 1998. They currently store #2 oil. The summary mentions that two spills are still open: this one caused by a tank overfill and the other during MW installation that struck a 30K tank but no spill occured. Eight MWs were installed in 1996 and are presently bailing water only. NYCHA recommends that DEC review the available site assessment. Spill 9704735 was called in when contamination was encountered during tank excavation. 3/10/11: J.Kann - Investigative work plan submitted on 3/3/11. 10/19/15: J.Kann - reviewed IWP. Appartently 10 wells are located on site. Sent an email to NYCHA (Yelena) requesting any gauging data for the site and suggesting that they sample wells for CP-51 fuel oil constituents. Based on that information will determine what additional work is needed, if any. 3/14/16: J.kann - received groundwater sampling results from NYCHA on 3/3/16. Four wells were located and sampled. ND for VOCs and SVOCs. Requested a site plan from NYCHA via email on 3/14/16. 3/16/16: J.Kann - Reviewed the site file. Initial Phase II could not be located, however some notes and well data is available in the file. Initially, in 1996 prior to tank excavation, four wells were installed on site. 3 wells did not have product, one well did. The wells were gauged every 2 months for a year. The well with product (MW-3) had product until 3/97. Readings taken on 5/97 and 7/97 did not have any measurable product in any of the four wells. Groundwater analysis was performed at two of these wells MW-1 and MW-3 in 12/96. At that time, there was still a sheen on MW-3 and there were minor SVOC exceedences as follows: Pyrene 61 ppb (50ppb TOGS) Phenanthrene 150 ppb (50 ppb TOGS) Fluorene 63 ppb (50 ppb TOGS) Chrysene 46 ppb (0.002ppb TOGS) The tanks were subsequently excavated and removed from the site in August 1997 (after MW-3 no longer contained product). DEC requested wells on Story Avenue in a letter dated 11/4/97 due to product seeping into the Story Street side of the tank excavation. Based on the locations of MW-5 and MW-6 sampled as a part of the 2016 sampling event, these wells were installed along story avenue and contain no product/contamination. Spill is being considered for closure based on the following: 1. Initial well with product mw-3 did not have measurable product prior to tank excavation 2. Tanks were excavated and removed from site in 1997, together with excavated soils. Area of concern identified after tank removal was along Story Street. 2 wells were installed in that location and were sampled in 2016. No product noted and no contamination detected. 3. Four wells were sampled and groundwater sampling results from NYCHA received on 3/3/16 indicated that no VOCs or SVOCs are present. The following additional information was requested from NYCHA in an email today and must be submitted by March 30, 2016: -Photos of the Monroe Houses boiler room (to determine whether or not there is any ongoing oil seepage) -Gauging data of the 4 existing wells. 3/23/16: J.Kann - additional information was received from NYCHA on 3/22/16 together with a closure request. No oil seepage noted in the photos of the boiler room. Gauging of wells revealed no product. Based on this info and the information above, spill closed. "

Remarks: "spiller was drilling for a well and hit a 2000 gal storage tank"

All Materials:

Site ID: 187275

MONROE HOUSES (Continued) **S102663342**

Operable Unit ID:	1037384
Operable Unit:	01
Material ID:	556441
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	MONROE HOUSES -NYCHA
Address:	1775 STORY AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9704735 / 2007-12-18
Facility ID:	9704735
Facility Type:	ER
DER Facility ID:	156466
Site ID:	305787
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	0301
Spill Date:	1997-07-21
Investigator:	jkkann
Referred To:	CLOSED AND CONSOLIDATED WITH 9609279
Reported to Dept:	1997-07-21
CID:	351
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-07-21
Spill Record Last Update:	2007-12-18
Spiller Name:	FRANK OCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	DECLAN POWER
DEC Memo:	"12/09/05: This spill transferred from J.Kolleeny to S.Kraszewski. 07/26/06: NYCHA update summary states that two 30K USTs installed in 1961 that stored #4 and #6 oil were removed and replaced by two 20K USTs in 1998. They currently store #2 oil. The summary mentions that two spills are still open: this one caused by a tank overfill and the other during MW installation that struck a 30K tank but no spill occured. Eight MWs were installed in 1996 and are presently bailing water only. NYCHA recommends that DEC review the available site assessment. - SK 02/08/07 : DEC lead changed from S. Kraszewski to J. Kann. J.Kann 12/18/07: J.Kann - closed and consolidated with 9609279."
	Not reported

MONROE HOUSES (Continued) **S102663342**

Remarks: "CALLER IS REMOVING TANK AND FOUND CONTAMINATED SOIL"

All Materials:
Site ID: 305787
Operable Unit ID: 1048113
Operable Unit: 01
Material ID: 333986
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: MONROE HOUSES -NYCHA
Address: 1775 STORY AVE
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 9413844 / 1995-01-17
Facility ID: 9413844
Facility Type: ER
DER Facility ID: 156466
Site ID: 141684
DEC Region: 2
Spill Cause: Human Error
Spill Class: C4
SWIS: 0301
Spill Date: 1995-01-17
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1995-01-18
CID: Not reported
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Responsible Party
Cleanup Ceased: 1995-01-17
Cleanup Meets Std: True
Last Inspection: 1995-01-17
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1995-01-23
Spill Record Last Update: 2005-12-09
Spiller Name: Not reported
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "PLUMBER LEFT VALVE ON PORTABLE TANK OPEN-SPILL HAS BEEN CLEANED."

All Materials:
Site ID: 141684
Operable Unit ID: 1007416
Operable Unit: 01
Material ID: 372593

MONROE HOUSES (Continued) **S102663342**

Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25.00
Units:	G
Recovered:	25.00
Oxygenate:	Not reported

Name:	MONROE HOUSES
Address:	1775 STORY AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9606127 / 1996-08-16
Facility ID:	9606127
Facility Type:	ER
DER Facility ID:	156466
Site ID:	237074
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	0301
Spill Date:	1996-08-09
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1996-08-13
CID:	349
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-08-13
Spill Record Last Update:	2005-12-09
Spiller Name:	FRANK OCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	MR GADSEN
DEC Memo:	""
Remarks:	"TRANSFERING PRODUCT FROM NON-STATIONARY TANK TO DRUMS - 1 OF THE DRUM WAS LEAKING - CONCRETE ONLY - CLEANED UP BY NYC HOUSING"

All Materials:

Site ID:	237074
Operable Unit ID:	1037085
Operable Unit:	01
Material ID:	348861
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G

MONROE HOUSES (Continued) **S102663342**

Recovered: 5.00
Oxygenate: Not reported

S97 **RESIDENTIAL PROPERTY TTF** **NY LTANKS** **S112148798**
WSW **727 COMMONWEALTH AVE** **N/A**
1/8-1/4 **BRONX, NY**
0.217 mi.
1147 ft. **Site 3 of 3 in cluster S**

Relative: **Higher**

Actual: **28 ft.**

LTANKS:

Name:	RESIDENTIAL PROPERTY TTF
Address:	727 COMMONWEALTH AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	1202606 / 2017-07-18
Facility ID:	1202606
Site ID:	465379
Spill Date:	2012-06-15
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2012-06-15
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2012-06-15
Spill Record Last Update:	2017-07-18
Spiller Name:	Not reported
Spiller Company:	UNKNOWN AT THIS TIME
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	AGENT JUSTIN CRUZ
Spiller Phone:	(917) 304-3910
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	419751
DEC Memo:	"8/04/2015: Rashad Spill transferred from Sangesland to Rashad as per RSE. As per NYC building records 727 Commonwealth Ave has an alternate address of 727-727 Commonwealth Avenue. Searched PBS and spills database, no other records found for property. 8/06/2015: Rashad No documents found in D2. Owner information per NYC building records: Francisca Vargas 727 Commonwealth Avenue Bronx, NY 10473 8/11/2015: Rashad Contacted Carrie at Advanced Tank - she will contact costumer to gain permission to release report and or contact information. Carrie called back, she tried to reach costumer there was no answer, she will send them email. 9/4/2015: Rashad Emailed Carrie: I wanted to follow up on 727 Commonwealth Avenue, last time we spoke about this particular site you indicated that you were seeking permission to release documentation. Do you have any updates

RESIDENTIAL PROPERTY TTF (Continued) **S112148798**

on this site or reports that you can send me? Carrie has auto reply activated, she is on vacation until 9/8. 9/9/2015: Rashad Received email from Carrie: I apologize, we have not received any updates from our original customer. I am unable to release the report or customer information without their permission. If we receive any updates, I will advise accordingly. If you have any questions, please do not hesitate to contact us. 9/11/2015: Rashad According to DOB job filling records dated 9/10/2012 there is work being done on the property INSTALLATION OF NEW GAS BURNER TO REPLACE EXISTING OIL BURNIER.INSTALLATION OF NEW TANKLESS COIL AND GAS METER. CONVERSION OF OIL FIRED BURNER TO GAS FIRE BURNER.NO CHANGE IN OCCUPANCY,USE OR EGRESS. As per property records and tax records the owner is: Francisca Vargas 727 Commonwealth Avenue Bronx, NY 10473 9/16/2015: Rashad Emailed Justin Cruz (real estate agent who hired contractor to perform test): I am currently looking into an old spill case for 727 Commonwealth Avenue, Bronx NY 10473 dated 6/15/2012 spill#1202606 where a tank test failure was reported. I am trying to locate any information in regards to this tank test failure including reports or any repairs made. Any information would be appreciated. DEC possibly requires: 1. Tank test failure report, wet or dry leak 2. Supply/return, vent/fill report 3. Owners contact information 1/17/2017 Austin This spill report is being transferred from Rashad Omar to Kumar Patel end. 06/23/17-Hiralkumar Patel. Francisca Vargas / Genesis Santos **property owners** as per NYC DOB record, a permit was filed for 'conversion of oil fired burner to gas fire burner'. as per NYC ACRIS record, the property was transferred to current owner on 09/05/2013. 06/26/17-Hiralkumar Patel. went to site for inspection, but nobody was home. site has two-story building with a basement. left business card for basement unit (# 727B) and in main door. 06/27/17-Hiralkumar Patel. 12:47 PM:- left message for Yvonne Whitter (973-271-5154) who owned property in 2012. sent TTF letter to property owners at site address. asked them to submit report by the end of 07/31/17. 06/28/17-Hiralkumar Patel. 11:26 AM:- received message from Ms. Whitter. 1:55 PM:- left message for Ms. Whitter. 3:47 PM:- received call from Ms. Whitter. she mentioned that all required work was completed and she will contact the contractor for documents. 07/07/17-Hiralkumar Patel. 2:18 PM:- received call from Ms. Whitter requesting copy of letter sent to property owners. 2:23 PM:- sent email to Ms. Whitter (yvnwitt@aol.com) including copy of letter dated 06/27/17. 2:41 PM:- received call from Ms. Whitter. she received copy of the letter. Ms. Whitter will search old records and will submit available information/documents. 07/10/17-Hiralkumar Patel. 10:30 AM:- received call from Freddie Barber, project manager who handled tank system issue at the site. he has some documents and will submit it for review. Freddie Barber FBJ Technical Services, LLC Ph. (908) 875-3775 email: fbarber717@aol.com 10:35 AM:- sent email to Mr. Barber requesting tank documents. email copied to Ms. Whitter. 07/11/17-Hiralkumar Patel. received email from Mr. Barber (at 11:04 PM on 07/10/17) including plumbing plan for gas service. as per the notes in the plan, it was proposed to disconnect and cap all the piping from the tank, to remove fill port and to clean the UST and close-in-place with sand. email does not include any document regarding cause of tank tightness test failure and actions taken to address tank system failure. 9:42 AM:- sent email to Mr. Barber. informed him that submitted plumbing plans for gas service does not satisfy the Department s requirements. asked him to submit required documents as per the Department s letter dated June 27, 2017. email

RESIDENTIAL PROPERTY TTF (Continued) **S112148798**

copied to Ms. Whitter. 9:46 AM:- spoke with Mr. Barber and asked him to provide contractor's info who close out tank. he will call back. 07/13/17-Hiralkumar Patel. 8:16 AM:- received email from Mr. Barber including work invoices and tank closure certificates, but there are discrepancies between these documents: - as per certificate from Second Hand Dealer, the oil tank/boiler removed from the site. this certificate does not clarify if one of the two or both equipments were removed - as per letter from Express Plumbing Sewer & Water Main Corp. dated 01/09/15, a 550 gal oil tank has been removed, and vent and fill lines have been removed and holes have been cemented - as per letter report from ATS dated 06/18/12, minor corrosion activity was noted in the steel tank during a corrosivity test - as per letter report from ATS dated 06/18/12, soil borings were installed surrounding the tank. field inspection (sample screening using PID) indicated presence of petroleum contamination in soil - soil samples were collected for DRO anlaysis - as per invoice # 6131 dated 09/11/12 from Express Plumbing, they proposed to seal the tank with sand 9:28 AM:- spoke with Georgia Parks (800-440-8265, gparks@atsenvironmental.com) at ATS Environmental regarding reports for work done in 2012. she refused to provide any document/customer contact info until gets approval from customer to release such information. 9:35 AM:- spoke with Mr. Barber and inquired him about results of tank system test and soil testing. he does not have any other documents. 12:16 PM:- sent email to Ms. Parks requesting copy of soil testing result and other documents in this matter. 12:26 PM:- due to language barrier, DEC Zhune spoke with Francisco Lopez (646-836-1144), current property owner's representative. Mr. Lopez mentioned that the site had 275 gal tank (but documents from Express Plumbing indicates 550 gal tank). first Mr. Lopez indicated that the tank was closed-in-place, but then stated that the tank was removed. Mr. Lopez confirmed that he received the department's letter dated 06/27/17. 12:42 PM:- spoke with Jimmy del Rosario (646-286-5681), Mr. Lopez's brother and scheduled a site inspection at 2 PM on 07/17/17. 1:19 PM:- left message for Ms. Whitter and informed her about scheduled site inspection. 07/14/17-Hiralkumar Patel. 10:49 AM:- spoke with Rakeshkumar at Second Hand Dealer who provided certificate of oil tank/boiler removal. Rakeshkumar stated that he did not perform job at the site as tank was underground. 07/17/17-Hiralkumar Patel. 9:02 AM:- spoke with Ms. Whitter and Mr. Barber. informed them about discussion with Rakeshkumar. Mr. Barber mentioned that the boiler was removed by Express Plumbing, but city agencies asked for certificate from boiler company. as such, Rakeshkumar provided certificate confirming that the boiler was removed. also asked Ms. Whitter/Mr. Barber about tank's status: closed-in-place or removed? none of them know if tank was removed or closed-in-place. Mr. Barber mentioned that Express Plumbing had performed the job and would have more details. 10:02 AM:- spoke with Mary at Express Plumbing regarding tank closure/removal documents. she will call back after reviewing file. Mary Barreto Express Plumbing Sewer & Water Main Corp. Ph. (718) 231-3663 email: expressplumbing@optonline.net 10:06 AM:- sent email to Mary and asked her to submit tank closure/removal documents. 10:33 AM:- received call from Mary and Andy (914-804-7566, technician who worked at site). Andy mentioned that the tank was located underneath the garage floor and was closed-in-place using sand. Andy confirmed that the tank was cleaned before closing but they did not performed any subsurface investigation. 2:00 PM:- visited site and met Mr. Lopez and Andy. Andy showed area where the

RESIDENTIAL PROPERTY TTF (Continued) **S112148798**

UST is located. the tank is located underneath the former garage floor, in eastern portion of the building. Andy mentioned that the supply line was aboveground and fill and vent lines were aboveground along building's southern wall, except approx. 10-15 ft of fill/vent lines underneath the garage floor between the tank and southern foundation wall. Andy stated that there was no contamination noted in sand above the tank and he did not observed any holes in tank walls during inspection through a cut on tank top. no petroleum odors or signs of former leaks were noted in the building. 07/18/17-Hiralkumar Patel. based on review of all information and observations during site inspection, this spill is being closed due to no indication of a current release, no information indicating that there may have been a historical release (soil samples were collected by ATS Env. for DRO analysis, but results were never provided), and no information that this tank test failure will be an issue in the future. 1:36 PM:- sent spill closure letter to property owners. letter emailed to Ms. Whitter."

Remarks: "1701 THE CALLER ADVISED DISPATCH DURING A TEST THE SYSTEM FAILED. THE CALLER WAS HIRED BY AGENT JUSTIN CRUZ TO TEST THE HEATING UNIT ON A PROPERTY BEING SOLD."

All Materials:

Site ID:	465379
Operable Unit ID:	1215401
Operable Unit:	01
Material ID:	2213527
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

98
North
1/8-1/4
0.218 mi.
1152 ft.

STELLAR BRUCKNER LLC
950 UNDERHILL AVENUE
BRONX, NY 10473

NY UST **U004077410**
NY AST **N/A**

Relative:
Lower

Actual:
13 ft.

UST:

Name:	STELLAR BRUCKNER LLC
Address:	950 UNDERHILL AVENUE
City,State,Zip:	BRONX, NY 10473
Id/Status:	2-332615 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	01/23/2021
UTM X:	596077.45969
UTM Y:	4519932.17258
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	15750
Affiliation Type:	Facility Operator
Company Name:	STELLAR BRUCKNER LLC

STELLAR BRUCKNER LLC (Continued) **U004077410**

Contact Type:	Not reported
Contact Name:	WALTER ROBINSON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 792-1211
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2014-03-21

Site Id:	15750
Affiliation Type:	Emergency Contact
Company Name:	STELLAR BRUCKNER LLC
Contact Type:	Not reported
Contact Name:	EDUARDO JIMINEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 672-3064
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	2010-11-18

Site Id:	15750
Affiliation Type:	Facility Owner
Company Name:	STELLAR BRUCKNER LLC
Contact Type:	PERMIT COORDINATOR
Contact Name:	KATINA V VAZQUEZ
Address1:	156 WILLIAM ST. 10TH FLR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 406-0030
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2016-03-04

Site Id:	15750
Affiliation Type:	Mail Contact
Company Name:	STELLAR MANAGEMENT
Contact Type:	Not reported
Contact Name:	KATINA V. VASQUEZ
Address1:	156 WILLIAM STREET
Address2:	10TH FLOOR
City:	NEW YORK
State:	NY

STELLAR BRUCKNER LLC (Continued) **U004077410**

Zip Code:	10038
Country Code:	001
Phone:	(212) 843-3783
EMail:	KVAZQUEZ@STELLARMANAGEMENT.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2014-03-21

Tank Info:

Tank Number:	003
Tank ID:	53240
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	25000
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

AST:

Name:	STELLAR BRUCKNER LLC
Address:	950 UNDERHILL AVENUE
City,State,Zip:	BRONX, NY 10473
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-332615
Program Type:	PBS
UTM X:	596077.45969
UTM Y:	4519932.17258
Expiration Date:	01/23/2021
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	15750
Affiliation Type:	Facility Operator

STELLAR BRUCKNER LLC (Continued) **U004077410**

Company Name:	STELLAR BRUCKNER LLC
Contact Type:	Not reported
Contact Name:	WALTER ROBINSON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 792-1211
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2014-03-21

Site Id:	15750
Affiliation Type:	Emergency Contact
Company Name:	STELLAR BRUCKNER LLC
Contact Type:	Not reported
Contact Name:	EDUARDO JIMINEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 672-3064
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	2010-11-18

Site Id:	15750
Affiliation Type:	Facility Owner
Company Name:	STELLAR BRUCKNER LLC
Contact Type:	PERMIT COORDINATOR
Contact Name:	KATINA V VAZQUEZ
Address1:	156 WILLIAM ST. 10TH FLR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 406-0030
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2016-03-04

Site Id:	15750
Affiliation Type:	Mail Contact
Company Name:	STELLAR MANAGEMENT
Contact Type:	Not reported
Contact Name:	KATINA V. VASQUEZ
Address1:	156 WILLIAM STREET
Address2:	10TH FLOOR
City:	NEW YORK

STELLAR BRUCKNER LLC (Continued) **U004077410**

State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 843-3783
EMail:	KVAZQUEZ@STELLARMANAGEMENT.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2014-03-21

Tank Info:

Tank Number:	001
Tank Id:	20343
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/18/1967
Capacity Gallons:	8000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NTFREEMA
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

Tank Number:	002
Tank Id:	45973
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

STELLAR BRUCKNER LLC (Continued) **U004077410**

F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/18/1967
Capacity Gallons:	6000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NTFREEMA
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

U99 **SHELL SERVICE STATION** **RCRA NonGen / NLR** **1000288216**
West **801 SOUNVIEW AVE** **FINDS** **NYD980784037**
1/8-1/4 **BRONX, NY 10472** **ECHO**
0.218 mi.
1152 ft. **Site 5 of 5 in cluster U**

Relative:
Higher

Actual:
28 ft.

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	SHELL SERVICE STATION
Facility address:	801 SOUNVIEW AVE BRONX, NY 10472
EPA ID:	NYD980784037
Mailing address:	JERICHO PLZ SHELL OIL CO JERICHO, NY 11753
Contact:	JOHN SPINELLE
Contact address:	JERICHO PLZ SHELL OIL CO JERICHO, NY 11753
Contact country:	US
Contact telephone:	516-938-8686
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	Not reported
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

SHELL SERVICE STATION (Continued) **1000288216**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: SHELL SERVICE STATION
Classification: Not a generator, verified

Date form received by agency: 1984-12-11 00:00:00.0
Site name: SHELL SERVICE STATION
Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: K052
. Waste name: TANK BOTTOMS (LEADED) FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: X001
. Waste name: WASTE OILS

Violation Status: No violations found

SHELL SERVICE STATION (Continued) **1000288216**

FINDS:
Registry ID: 110004392773

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000288216
Registry ID:	110004392773
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004392773
Name:	SHELL SERVICE STATION
Address:	801 SOUNVIEW AVE
City,State,Zip:	BRONX, NY 10472

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100 ENE 1/8-1/4 0.229 mi. 1210 ft.

CONSOLIDATED EDISON
780 PUGSLEY AVE
BRONX, NY 10473

NY Spills **S106006566**
NY MANIFEST **N/A**

Relative: Higher

Actual: 21 ft.

SPILLS:

Name:	OPP OF
Address:	780 PUGSLEY AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0205087 / 2002-10-29
Facility ID:	0205087
Facility Type:	ER
DER Facility ID:	80376
Site ID:	87760
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	0301
Spill Date:	2002-08-14
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	2002-08-14
CID:	257
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-08-14

CONSOLIDATED EDISON (Continued) **S106006566**

Spill Record Last Update:	2002-10-29
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	KEVIN MCARDLE
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL e2mis no. 144-534: 14-AUG-2002 09:57 Emergency Operating Supervisor A. Tortora 39689 reports finding 1 pint of dielectric fluid leaked from transformer on un-badged pole onto asphalt, concrete and two private vehicles. No smoke or fire is/was involved and no sewers or waters affected. Private Property affected. Overhead crew in route to bag transformer. Cleanup pending Vendor crew. 14-AUG-2002 13:38 EH&S Rep. Sr. Specialist J. Feeney 86854 reports cleanup complete. Contractor Clean Ventures performed cleanup. A 10' X 0' Concrete and asphalt area was double washed and rinsed and all drys-all was utilized to absorb all liquids. The two impacted cars were double washed and rinsed. 1 55 gallon Drum of assumed 50-499 ppm PCB was generated and will be transported by Clean Ventures to Cycle Chem. NYP # 004 101 424 generated. Cleanup complete. J. Feeney to provide Manifests and 50-499 ppm PCB checklist. 14-AUG-2002 14:52 Overhead crew bagged transformer prior to cleanup. 15-Aug-2002 03:32 The Overhead replaced the transformer."
Remarks:	"about 1 pint onto concrete and 2 private cars - clean up is pending a vender ref#144534"

All Materials:

Site ID:	87760
Operable Unit ID:	856372
Operable Unit:	01
Material ID:	519295
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

NY MANIFEST:

Name:	CONSOLIDATED EDISON
Address:	780 PUGSLEY AVE
City,State,Zip:	BRONX, NY 10473
Country:	USA
EPA ID:	NYP004101424
Facility Status:	Not reported
Location Address 1:	780 PUGSLEY AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	10473
Location Zip 4:	Not reported

CONSOLIDATED EDISON (Continued) **S106006566**

NY MANIFEST:

EPAID:	NYP004101424
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

NY MANIFEST:

Document ID:	NJA4036305
Manifest Status:	Not reported
seq:	01
Year:	2002
Trans1 State ID:	5811
Trans2 State ID:	Not reported
Generator Ship Date:	08/15/2002
Trans1 Recv Date:	08/15/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/22/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004101424
Trans1 EPA ID:	NJ0000027193
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	01.00

101
SW
1/8-1/4
0.229 mi.
1211 ft.

1775 RANDALL AVENUE
1775 RANDALL AVENUE
BRONX, NY

NY LTANKS **S102672457**
N/A

Relative:
Higher

Actual:
23 ft.

LTANKS:

Name:	1775 RANDALL AVENUE
Address:	1775 RANDALL AVENUE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9315219 / 1994-03-25
Facility ID:	9315219
Site ID:	112539
Spill Date:	1994-03-25
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	1994-03-25
SWIS:	0301
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	1994-03-25
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-03-28
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	COASTAL OIL
Spiller Address:	3170 COLLEGE POINT BLVD
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	98295
DEC Memo:	""
Remarks:	"CLEANED W/ SPEEDY DRY."

All Materials:

Site ID:	112539
Operable Unit ID:	993447
Operable Unit:	01
Material ID:	561603
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

W102
ESE
1/8-1/4
0.232 mi.
1224 ft.

CON EDISON
630 PUGSLEY AVE
BRONX, NY 10473

Site 1 of 3 in cluster W

NJ MANIFEST **S120673528**
N/A

Relative:
Lower

Actual:
10 ft.

NJ MANIFEST:

EPA Id:	NYP004802781
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY005
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014466506JJK
EPA ID:	NYP004802781
Date Shipped:	7/6/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

CON EDISON (Continued) **S120673528**

Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

W103 **CON EDISON** **NY MANIFEST** **S118257532**
ESE **630 PUGSLEY AVE** **N/A**
1/8-1/4 **BRONX, NY 10473**
0.232 mi.
1224 ft. **Site 2 of 3 in cluster W**

Relative:
Lower

Actual:
10 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	630 PUGSLEY AVE
City,State,Zip:	BRONX, NY 10473
Country:	USA
EPA ID:	NYP004802781
Facility Status:	Not reported
Location Address 1:	630 PUGSLEY AVE
Code:	BP
Location Address 2:	VAULT 2329
Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004802781
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	07/06/2015
Trans1 Recv Date:	07/06/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/08/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004802781
Trans1 EPA ID:	Not reported

CON EDISON (Continued) **S118257532**

Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014466506JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

W104 **CON EDISON** **RCRA NonGen / NLR** **1019904841**
ESE **630 PUGSLEY AVE** **NYP004802781**
1/8-1/4 **BRONX, NY 10473**
0.232 mi.
1224 ft. **Site 3 of 3 in cluster W**

Relative: RCRA NonGen / NLR:
Lower

Date form received by agency:	2015-07-06 00:00:00.0
Facility name:	CON EDISON
Facility address:	630 PUGSLEY AVE BRONX, NY 10473
EPA ID:	NYP004802781
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Actual:
10 ft.

CON EDISON (Continued) **1019904841**

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Historical Generators:
- Date form received by agency: 2015-07-06 00:00:00.0
- Site name: CON EDISON
- Classification: Large Quantity Generator

Violation Status: No violations found

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105 North 1/4-1/2 0.262 mi. 1381 ft.

1896 BRUCKNER BLVD/BRONX **NY LTANKS** **S100144910**
1896 BRUCKNER BLVD **N/A**
NEW YORK CITY, NY

Relative: Lower

Actual: 15 ft.

LTANKS:
- Name: 1896 BRUCKNER BLVD/BRONX
- Address: 1896 BRUCKNER BLVD
- City,State,Zip: NEW YORK CITY, NY
- Spill Number/Closed Date: 8707987 / 1995-12-06
- Facility ID: 8707987
- Site ID: 310678
- Spill Date: 1987-12-15
- Spill Cause: Tank Test Failure
- Spill Source: Gasoline Station or other PBS Facility
- Spill Class: a3
- Cleanup Ceased: Not reported
- SWIS: 0301
- Investigator: MMMULQUE
- Referred To: Not reported
- Reported to Dept: 1987-12-15
- CID: Not reported
- Water Affected: Not reported
- Spill Notifier: Tank Tester
- Last Inspection: Not reported
- Recommended Penalty: False
- Meets Standard: False
- UST Involvement: True
- Remediation Phase: 0
- Date Entered In Computer: 1988-01-12
- Spill Record Last Update: 1996-07-18
- Spiller Name: BUDDY BEALER
- Spiller Company: SHELL OIL

1896 BRUCKNER BLVD/BRONX (Continued) **S100144910**

Spiller Address:	ONE JERICHO PLAZA
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	283716
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MULQUEEN / / : WAS SULLIVAN SPILL. REASSIGNED TO MULQUEEN 4/18/95. SHELL ADDRESSING PROBLEM AT SITE. SEE FILE. CLOSED 12/6/95, FOR CURRENT INFORMATION SEE SPILL # 93-12371. "
Remarks:	"4K TANK (UNLEADED REGULAR) SYSTEM FAILED PETRO TITE TEST AT -.5GPH 2ND 4K TANK (SUPER NO LEAD) SYSTEM FAILED PETRO TITE AT -.33GPH"

All TTF:

Facility ID:	8707987
Spill Number:	8707987
Spill Tank Test:	1532679
Site ID:	310678
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	310678
Operable Unit ID:	912313
Operable Unit:	01
Material ID:	463386
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

X106 **SACK WERN HOUSES -NYCHA** **NY LTANKS** **S100667319**
WSW **710 NOBLE AVENUE** **N/A**
1/4-1/2 **BRONX, NY**
0.295 mi.
1556 ft. **Site 1 of 2 in cluster X**

Relative:
Higher

Actual:
40 ft.

LTANKS:

Name:	SACK WERN HOUSES -NYCHA
Address:	710 NOBLE AVENUE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9707452 / 2002-08-16
Facility ID:	9707452
Site ID:	190723
Spill Date:	1997-09-24
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	1997-09-24
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-09-24
Spill Record Last Update:	2005-01-21
Spiller Name:	FRANK OCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY 16TH FLOOR
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	(212) 306-3233
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	159078
DEC Memo:	""
Remarks:	"CALLER REPORTED TANK TEST FAILURE."

All TTF:

Facility ID:	9707452
Spill Number:	9707452
Spill Tank Test:	1545332
Site ID:	190723
Tank Number:	1
Tank Size:	6000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported

SACK WERN HOUSES -NYCHA (Continued) **S100667319**

Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 190723
Operable Unit ID: 1050813
Operable Unit: 01
Material ID: 329463
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: SACK WERN HOUSES
Address: 710 NOBLE AVE
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 9701134 / 1997-09-25
Facility ID: 9701134
Site ID: 173896
Spill Date: 1997-04-25
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: SACCACIO
Referred To: Not reported
Reported to Dept: 1997-04-25
CID: 312
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1997-04-25
Spill Record Last Update: 1998-08-25
Spiller Name: FRANK OCELLO
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: PAUL GOLDSTEIN
Spiller Phone: (212) 306-3233
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 146273
DEC Memo: ""
Remarks: "TANK FAILED"

All TTF:
Facility ID: 9701134

SACK WERN HOUSES -NYCHA (Continued) **S100667319**

Spill Number:	9701134
Spill Tank Test:	1545093
Site ID:	173896
Tank Number:	001
Tank Size:	6000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

X107 **SPILL NUMBER 0107060** **NY LTANKS** **S105229987**
WSW **726 NOBLE AVE** **N/A**
1/4-1/2 **BRONX, NY**
0.295 mi.
1557 ft. **Site 2 of 2 in cluster X**

Relative: **Higher**

Actual: **40 ft.**

LTANKS:

Name:	SPILL NUMBER 0107060
Address:	726 NOBLE AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0107060 / 2001-10-12
Facility ID:	0107060
Site ID:	80880
Spill Date:	2001-10-08
Spill Cause:	Tank Overfill
Spill Source:	Commercial Vehicle
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	2001-10-08
CID:	281
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-10-08
Spill Record Last Update:	2001-10-12
Spiller Name:	CALLER
Spiller Company:	MB TRUCKING
Spiller Address:	1281 VIELE AV
Spiller County:	001
Spiller Contact:	GABE RICCI
Spiller Phone:	(718) 328-3275
Spiller Extention:	Not reported
DEC Region:	2

SPILL NUMBER 0107060 (Continued) **S105229987**

DER Facility ID: 74902
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD "
Remarks: "TANK OVERFILL DURING DELIVERY AT ABOVE LOCATION. CREW ENROUTE FOR CLEANUP AND ALL MATERIAL IS EXPECTED TO BE RECOVERED."

All Materials:
Site ID: 80880
Operable Unit ID: 845254
Operable Unit: 01
Material ID: 531897
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 3.00
Units: G
Recovered: .00
Oxygenate: Not reported

108
SW
1/4-1/2
0.305 mi.
1611 ft.

SOUNDVIEW HOUSES -NYCHA
1725 RANDALL AVE
BRONX, NY

NY LTANKS **S100153397**
NY Spills **N/A**

Relative:
Higher

Actual:
26 ft.

LTANKS:
Name: SOUNDVIEW HOUSES -NYCHA
Address: 1725 RANDALL AVE
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 9314505 / 2006-01-10
Facility ID: 9314505
Site ID: 318489
Spill Date: 1992-02-27
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: SWKRASZE
Referred To: Not reported
Reported to Dept: 1994-03-11
CID: Not reported
Water Affected: Not reported
Spill Notifier: DEC
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1994-03-21
Spill Record Last Update: 2006-01-10
Spiller Name: Not reported
Spiller Company: NYCHA (JOE MONTELLA)
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported

SOUNDVIEW HOUSES -NYCHA (Continued) **S100153397**

Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	153329
DEC Memo:	"01/10/06: This spill transferred from J.Kolleeny to S.Kraszewski. This spill closed to consolidate with open spill #0001670. - SK"
Remarks:	"LEAK RATE OF -0.06 GPH -- REPORTED AS PASSED BY TESTER."

All TTF:

Facility ID:	9314505
Spill Number:	9314505
Spill Tank Test:	1542484
Site ID:	318489
Tank Number:	003
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	318489
Operable Unit ID:	992778
Operable Unit:	01
Material ID:	386301
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Name:	SOUNDVIEW HOUSES
Address:	1725 RANDALL AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9107463 / 1995-04-27
Facility ID:	9107463
Site ID:	183018
Spill Date:	1991-10-11
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	1995-04-27
SWIS:	0301
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1991-10-11

SOUNDVIEW HOUSES -NYCHA (Continued) **S100153397**

CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-10-23
Spill Record Last Update:	1995-04-27
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	153329
DEC Memo:	""
Remarks:	"FOUND MANHOLE GASKET LEAKING. WILL REPAIR & RETEST. SEE SPILL # 9411456"

All TTF:

Facility ID:	9107463
Spill Number:	9107463
Spill Tank Test:	1539159
Site ID:	183018
Tank Number:	003
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	183018
Operable Unit ID:	957926
Operable Unit:	01
Material ID:	419668
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

SOUNDVIEW HOUSES -NYCHA (Continued) **S100153397**

Name:	SOUNDVIEW HOUSES -NYCHA
Address:	1725 RANDALL AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9314504 / 2006-02-03
Facility ID:	9314504
Site ID:	183019
Spill Date:	1991-05-10
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	SWKRASZE
Referred To:	Not reported
Reported to Dept:	1994-03-11
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	DEC
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-03-21
Spill Record Last Update:	2006-02-03
Spiller Name:	Not reported
Spiller Company:	NYCHA - JOE MONTELLA
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	153329
DEC Memo:	"01/10/06: This spill transferred from J.Kolleeny to S.Kraszewski. Two 25K tanks closed in place in March of 1995. No site assessment performed to legally close tanks. Spill is still open. Needs a site assessment report. - SK 02/03/06: This spill closed to consolidate with open spill #0001670. - SK"
Remarks:	"LEAK RATE -0.061 GPH - REPORTED AS PASSED."

All TTF:

Facility ID:	9314504
Spill Number:	9314504
Spill Tank Test:	1542482
Site ID:	183019
Tank Number:	001
Tank Size:	0
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills

SOUNDVIEW HOUSES -NYCHA (Continued) **S100153397**

Last Modified Date: Not reported

Facility ID: 9314504
Spill Number: 9314504
Spill Tank Test: 1542483
Site ID: 183019
Tank Number: 002
Tank Size: 0
Material: Not reported
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 183019
Operable Unit ID: 992776
Operable Unit: 01
Material ID: 386300
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

Name: SOUNDVIEW HOUSING -NYCHA
Address: 1725 RANDALL AVE
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 9411456 / 2005-12-29
Facility ID: 9411456
Site ID: 183020
Spill Date: 1994-11-28
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: SWKRASZE
Referred To: Not reported
Reported to Dept: 1994-11-28
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False

SOUNDVIEW HOUSES -NYCHA (Continued) **S100153397**

Remediation Phase:	0
Date Entered In Computer:	1994-11-28
Spill Record Last Update:	2005-12-29
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	153329
DEC Memo:	"12/29/05: This spill transferred from J.Kolleeny to S.Kraszewski. This spill closed to consolidate with open spill #0001670. - SK"
Remarks:	"WILL ISOLATE, INVESTIGATE AND REPAIR"

All TTF:

Facility ID:	9411456
Spill Number:	9411456
Spill Tank Test:	1543391
Site ID:	183020
Tank Number:	003
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	183020
Operable Unit ID:	1009332
Operable Unit:	01
Material ID:	373801
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	1725 RANDALL AVE
Address:	1725 RANDALL AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9707834 / 2003-03-07
Facility ID:	9707834
Site ID:	183022
Spill Date:	1997-10-02

SOUNDVIEW HOUSES -NYCHA (Continued) **S100153397**

Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	WYNE
Referred To:	Not reported
Reported to Dept:	1997-10-02
CID:	322
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-10-02
Spill Record Last Update:	2003-03-07
Spiller Name:	MIKE KALANZ
Spiller Company:	MORNING SIDE FUEL
Spiller Address:	1066 ZEREGA AVE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	153329
DEC Memo:	""
Remarks:	"CUSTOMER ORDERED A FULL LOAD (6500 GAL) OF OIL AND THE TANKS DID NOT TAKE IT ALL - TANK OVERFILLED AND CLEANED UP "

All Materials:

Site ID:	183022
Operable Unit ID:	1051059
Operable Unit:	01
Material ID:	566601
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	10.00
Oxygenate:	Not reported

SPILLS:

Name:	SOUNDVIEW HOUSES -NYCHA
Address:	1725 RANDALL AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0001670 / 2014-02-25
Facility ID:	0001670
Facility Type:	ER
DER Facility ID:	153329
Site ID:	183017
DEC Region:	2
Spill Cause:	Unknown

SOUNDVIEW HOUSES -NYCHA (Continued) **S100153397**

Spill Class:	B3
SWIS:	0301
Spill Date:	2000-05-09
Investigator:	jkkann
Referred To:	Not reported
Reported to Dept:	2000-05-09
CID:	281
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-05-09
Spill Record Last Update:	2014-02-25
Spiller Name:	MARIO MANDALONE
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	123 WILLIAM ST
Spiller Company:	001
Contact Name:	MARIO MANDALONE
DEC Memo:	"11/22/05: This spill transferred from J.Kolleeny to S.Kraszewski. 01/10/06: No site assessment performed for tank pull. Needs a site assessment. - SK 07/10/06: NYCHA update summary states that two 25K USTs installed in 1954 stored #4 and #6 fuel oil and both were closed in place in 2000. another 25K UST was installed in 1984, stored #4 and #6 fuel oil and was closed and removed in 2000. A sinle 30K UST was installed in 2000 and currently stores #2 fuel oil. No product recovery system or MWs on-site, soil and GW conditions are unknown and no site assessment is available. No mention on the cause for this spill but NYCHA recommends a site assessment be performed. - SK 02/06/07 - J.Kann - site reassigned from S. Kraszewski to J.Kann. 11/24/08: J.Kann - Met with Preferred Environmental on October 3 to discuss investigative requirements. A work plan was submitted on November 19, 2008. 2/25/14: J.Kann - based on review of Malcolm Pirnies' closure report (dated August 2010), but submitted to the Department on 6/11/13, the spill was closed. 6 Borings and 4 wells were installed. No VOCs were detected above CP_51 RSCOs. In one soil boring, minor SVOCs were detected marginally above CP-51 RSCOs. Concentrations in groundwater were all below TOGS 1.1.1. NFA."
Remarks:	"TANK REMOVAL AT ABOVE LOCATION. SOIL CONTAMINATION HAS BEEN DISCOVERED. SAMPLES TAKEN AND CLEANUP PENDING RESULTS. NO CALL BACK REQUESTED."

All Materials:

Site ID:	183017
Operable Unit ID:	823504
Operable Unit:	01
Material ID:	289887
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00

SOUNDVIEW HOUSES -NYCHA (Continued) **S100153397**

Oxygenate: Not reported

Name: SOUNDVIEW HOUSES
Address: 1725 RANDALL AVE
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 9707832 / 1997-10-06
Facility ID: 9707832
Facility Type: ER
DER Facility ID: 153329
Site ID: 183021
DEC Region: 2
Spill Cause: Human Error
Spill Class: C4
SWIS: 0301
Spill Date: 1997-10-02
Investigator: SACCACIO
Referred To: Not reported
Reported to Dept: 1997-10-02
CID: 351
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1997-10-02
Spill Record Last Update: 1997-10-06
Spiller Name: Not reported
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller Company: 001
Contact Name: MARIO MANDALONE
DEC Memo: ""
Remarks: "MORNINSIDE FUEL IS BELIEVED TO BE THE SPILLER BUT IT IS STILL UNDER INVESTIGATION - FUEL DRIVER MAY HAVE ALSO BEEN TOLD THE TANK WAS BIGGER THAN IT ACTUALLY IS UPDATE AT 1508 HRS FROM 200 GALLONS DOWNGRADED TO 125 GALLONS"

All Materials:
Site ID: 183021
Operable Unit ID: 1054335
Operable Unit: 01
Material ID: 329826
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 125.00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: SOUNDVIEW HOUSES

SOUNDVIEW HOUSES -NYCHA (Continued) **S100153397**

Address:	1725 RANDALL AV
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9600044 / 1996-04-03
Facility ID:	9600044
Facility Type:	ER
DER Facility ID:	247559
Site ID:	306526
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	0301
Spill Date:	1996-04-01
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1996-04-01
CID:	297
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-04-01
Spill Record Last Update:	1996-04-16
Spiller Name:	CALLER
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY
Spiller Company:	001
Contact Name:	ED MALONE
DEC Memo:	""
Remarks:	"THE VALUE VALVE IN THE BOILER BROKE OPEN SPILLING THE OIL - SPILL CLEANED UP WITH SPEEDY DRY AND PLACED INTO 55 GALLON DRUMS"

All Materials:

Site ID:	306526
Operable Unit ID:	1031474
Operable Unit:	01
Material ID:	353442
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4.00
Units:	G
Recovered:	4.00
Oxygenate:	Not reported

Name:	SOUNDVIEW HOUSES -NYCHA
Address:	1725 RANDALL AV
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9912691 / 2007-01-26
Facility ID:	9912691
Facility Type:	ER
DER Facility ID:	247559

SOUNDVIEW HOUSES -NYCHA (Continued) **S100153397**

Site ID:	306527
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	0301
Spill Date:	2000-02-07
Investigator:	jkkann
Referred To:	CLOSED BASED ON NYCHA INFO
Reported to Dept:	2000-02-07
CID:	323
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-02-07
Spill Record Last Update:	2007-01-26
Spiller Name:	CALLER
Spiller Company:	NYC HOUSING
Spiller Address:	123 WILLIAMS STREET
Spiller Company:	001
Contact Name:	EDWARD MALONE
DEC Memo:	"11/28/05: This spill transferred from J.Kolleeny to S.Kraszewski. 01/30/06: This spill transferred from S.Kraszewaski to Q.Abidi. 04/03/06: This spill transferred from Q. Abidi to Koon Tang. 07/10/06: NYCHA update summary states that an oil leak onto the boiler room concrete floor was cleaned up. NYCHA recommends closure. Must see documentation or receive some other confirmation that it was a small spill and was cleaned immediately. - SK 1/26/07 - Spill transferred to J. Kann. Spill closed as per information on clean up provided by NYCHA. - J.Kann"
Remarks:	"BROKEN NIPPLE ON PRESSURE RELIEF VALVE. SPILL CONTAINED AND COVERED WITH DRIZ-ALL."

All Materials:

Site ID:	306527
Operable Unit ID:	1091410
Operable Unit:	01
Material ID:	566236
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	100.00
Oxygenate:	Not reported

Name:	SOUNDVIEW HOUSES -NYCHA
Address:	1725 RANDALL AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9503197 / 1995-06-15
Facility ID:	9503197

SOUNDVIEW HOUSES -NYCHA (Continued) **S100153397**

Facility Type:	ER
DER Facility ID:	153329
Site ID:	318490
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C3
SWIS:	0301
Spill Date:	1995-06-14
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1995-06-14
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	1995-06-15
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-06-15
Spill Record Last Update:	2006-01-10
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"STICKLINE WAS LEFT OPEN DURING DELIVERY CAUSING SPILL."

All Materials:

Site ID:	318490
Operable Unit ID:	1017717
Operable Unit:	01
Material ID:	558576
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

109
West
1/4-1/2
0.323 mi.
1704 ft.

SACK WERN HOUSING
1710 LAFAYETTE AVE
BRONX, NY

NY LTANKS **S102402053**
NY Spills **N/A**

Relative:
Higher

Actual:
35 ft.

LTANKS:

Name:	SACK WERN HOUSING
Address:	1710 LAFAYETTE AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9701004 / 1997-06-04
Facility ID:	9701004

SACK WERN HOUSING (Continued) **S102402053**

Site ID:	93654
Spill Date:	1997-04-23
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1997-04-23
CID:	311
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-04-23
Spill Record Last Update:	1997-06-04
Spiller Name:	PAUL GOLDSTEIN
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY 16TH FLOOR
Spiller County:	001
Spiller Contact:	FRANK OCELLO
Spiller Phone:	(212) 306-3233
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	83954
DEC Memo:	""
Remarks:	"CALLER STATES TANK FAILED TEST."

All TTF:

Facility ID:	9701004
Spill Number:	9701004
Spill Tank Test:	1545089
Site ID:	93654
Tank Number:	1
Tank Size:	6000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	93654
Operable Unit ID:	1043642
Operable Unit:	01
Material ID:	337567
Material Code:	0001A

SACK WERN HOUSING (Continued) **S102402053**

Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: SACK WERN HOUSES
Address: 1710 LAFAYETTE AVE
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 9702347 / 1997-09-24
Facility ID: 9702347
Site ID: 93655
Spill Date: 1997-05-23
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1997-05-23
CID: 322
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1997-05-23
Spill Record Last Update: 1997-09-24
Spiller Name: FRANK OCELLO
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: PAUL GOLDSTEIN
Spiller Phone: (212) 306-3233
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 83954
DEC Memo: ""
Remarks: "GROSS FAILURE OF TANK"

All TTF:
Facility ID: 9702347
Spill Number: 9702347
Spill Tank Test: 1545130
Site ID: 93655
Tank Number: 1
Tank Size: 6000
Material: Not reported
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported

SACK WERN HOUSING (Continued) **S102402053**

Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

Name:	SACK WERN HOUSES -NYCHA
Address:	1710 LAFAYETTE AV
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9707143 / 2002-07-22
Facility ID:	9707143
Site ID:	103421
Spill Date:	1997-09-16
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	1997-09-16
CID:	297
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-09-16
Spill Record Last Update:	2005-01-21
Spiller Name:	PAUL GOLDSTEIN
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY 16TH FLOOR
Spiller County:	001
Spiller Contact:	FRANK OCELLO
Spiller Phone:	(212) 306-3229
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	91464
DEC Memo:	""
Remarks:	"NO CONTAMINATION."

All TTF:

Facility ID:	9707143
Spill Number:	9707143
Spill Tank Test:	1545322
Site ID:	103421
Tank Number:	1
Tank Size:	6000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03

SACK WERN HOUSING (Continued) **S102402053**

Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	103421
Operable Unit ID:	1053375
Operable Unit:	01
Material ID:	332723
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	MONROE HOUSES
Address:	1710 LAFAYETTE AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9607685 / 1996-10-01
Facility ID:	9607685
Facility Type:	ER
DER Facility ID:	83954
Site ID:	186409
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	0301
Spill Date:	1996-09-18
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1996-09-18
CID:	233
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-09-18
Spill Record Last Update:	2005-06-03
Spiller Name:	GLENN SROUR
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""

SACK WERN HOUSING (Continued) **S102402053**

Remarks: "drum was knocked over clean up complete "

All Materials:

Site ID:	186409
Operable Unit ID:	1038834
Operable Unit:	01
Material ID:	346940
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	10.00
Oxygenate:	Not reported

Y110 **GETTY** **NY LTANKS S110488397**
North **1895 BRUCKNER BLVD** **NY Spills N/A**
1/4-1/2 **BRONX, NY**
0.334 mi.
1766 ft. **Site 1 of 2 in cluster Y**

Relative: **Higher**

Actual: **19 ft.**

LTANKS:

Name:	GETTY
Address:	1895 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9509844 / 2004-03-24
Facility ID:	9509844
Site ID:	188807
Spill Date:	1995-11-08
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	1995-11-08
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1995-11-08
Spill Record Last Update:	2004-03-24
Spiller Name:	SCOTT HANLEY
Spiller Company:	GETTY GASOLINE
Spiller Address:	1895 BRUCKNER BLVD
Spiller County:	001
Spiller Contact:	SCOTT HANLEY
Spiller Phone:	(718) 324-5200
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	157655

GETTY (Continued) **S110488397**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT 3/13/03 REASSIGBED FROM ROMMEL TO VOUGHT. 9/30/2003-Vought-File review by Vought: UST Closure Report-Nov 1995-Tyree Brothers (Joe Pisel-631-249-3150). Tank closure due to station renovation and meet Federal EPA updgrade mandate. Removal of three (4000-gallon) gasoline USTs and replacement in same excavation with five new (4000-gallon) gasoline USTs. Removal of twenty (550-gallon) gasoline USTs. A total of 1254.74 tons of soil were removed from the site (disposal manifests provided). Five endpoint soil samples collected from the three (4000-gallon) gasoline excavation (four sidewalls and one bottom sample). Only two soil samples were collected from the twenty (550-gallon) gasoline excavation (one sidewall and one bottom) due to lack of accessibility in the excavation area caused by expanse of excavation and concrete debris . Soil analyticals from (4000-gallon) UST excavation showed 42300ppb benzene(east wall), 1830ppb xylene(west wall) and 8280ppb ethylbenzene(bottom). Soil analyticals from twenty (550-gallon) gasoline excavation showed no TAGM exceedances. Soil Disposal Documentation-June 1996-Tyree Brothers-Disposal documentation for the tank removal project during Nov 19995. Letter form DEC to Getty-May 19, 1998-Letter from DEC (O'Dowd) to Getty (Ochoterena) requiring additional investigation and a report submitted to the DEC by 8/31/03. Quarterly Monitoring Report-July 1998 thru Nov 1998-Tyree Brothers. Four monitoring wells on-site. July report shows groundwater flows to the southwest and is at depth of 17'to 21'. Nov 1998 report shows groundwater flow to the west. Groundwater concentrations show no TAGM exceedances. Wells are located on four corners of square property. Subsurface Investigation Report-March 1998-Tyree Brothers. Taco Bell property to the west and residential to the north. Groundwater flow to the north. Installation of four monitoring wells and collection of soil and groundwater samples. Soil analyticals show no TAGM exceedances. Groundwater analyticals show 30ppb MTBE(W3) and 10.3ppb MTBE(W4). Quarterly Monitoring Report-3/12/98 thru June 2001-Tyree Brothers. Four monitoring wells onsite. Groundwater flow to the west and at depths of 18' to 21'. Groundwater analyticals show no TAGM 4046 exceedances in June 2001 report. No Further Action Request-9/6/01-Tyree Brothers. No further action request and remediation will continue in a passive mode by means of natural attenuation . Status Report-Jan 2000 thru June 2001-Tyree Brothers. Four monitoring wells on-site with no TAGM exceedances. Tyree has reduced environmental monitoring to a semi-annual basis due to NFA submittal . NYSDEC requires: 1)soil and groundwater samples from borings from twenty (550-gallon) gasoline excavation 2)surrounding property sketch. 10/1/03-Vought-Sent letter with above requirements to Getty. 11/3/2003-Vought-Spoke with David Pachan and borings in gasoline excavation will be performed on 11/6. 1/12/04-Vought-Received Subsurface Investigation Report from Tyree Org(David Pachan) including Request for No Further Action. Onsite are four pump islands adjacent to Bruckner Blvd., and five (4000-gallon) gasoline tanks. Two Geoprobe soil borings performed and sampled continuously until groundwater was encountered at approximately 22 feet below grade. Groundwater flow to the southeast. Soil analyticals show minor SVOC exceedences of up to 765ppb benzo(a)anthracene, 834ppb chrysene, 730ppb benzo(b)fluoranthene, 635ppb benzo(k)fluoranthene, 764ppb benzo(a)pyrene, 176ppb dibenzo(a,h)anthracene. Groundwater analyticals show 11ppb benzene(B1), 5.55ppb toluene(B1) and 3.74ppb benzene(B2) with no

GETTY (Continued) **S110488397**

other Groundwater Standard Criteria exceedances. Spill closed by Vought due to minor groundwater standard exceedence. "
Remarks: "CONTAMINATED SOIL ON TANK REMOVAL"

All Materials:
Site ID: 188807
Operable Unit ID: 1020256
Operable Unit: 01
Material ID: 360775
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: GETTY 58616
Address: 1895 BRUCKNER BLVD
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 0600018 / 2006-10-11
Facility ID: 0600018
Facility Type: ER
DER Facility ID: 157655
Site ID: 361937
DEC Region: 2
Spill Cause: Housekeeping
Spill Class: C4
SWIS: 0301
Spill Date: 2006-04-01
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 2006-04-01
CID: 41
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2006-04-01
Spill Record Last Update: 2006-10-11
Spiller Name: Not reported
Spiller Company: GETTY 58616
Spiller Address: 1895 BRUCKNER BLVD
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "staining throughout station - housekeeping"
Remarks: "LESS THAN ONE GALLON EACH - ON ASPHALT - CLEANED UP"

All Materials:
Site ID: 361937

GETTY (Continued) **S110488397**

Operable Unit ID:	1120049
Operable Unit:	01
Material ID:	2109534
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	361937
Operable Unit ID:	1120049
Operable Unit:	01
Material ID:	2109533
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GETTY GAS STATION
Address:	1895 BRUCKNER BOULEVARD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0604196 / 2006-07-17
Facility ID:	0604196
Facility Type:	ER
DER Facility ID:	317133
Site ID:	367115
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	Not reported
SWIS:	0301
Spill Date:	2006-07-16
Investigator:	rvketani
Referred To:	Not reported
Reported to Dept:	2006-07-16
CID:	72
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2006-07-16
Spill Record Last Update:	2006-07-17
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported

GETTY (Continued) **S110488397**

Spiller Company:	001
Contact Name:	GEORGE FIGUEROE
DEC Memo:	"7/17/06 - Raphael Ketani. Spill was 1 gallon. Spill report indicates that driver dropped the hose while he was at the gas station. Report also indicates that the spill was cleaned up. I am closing the case administratively."
Remarks:	"Driver dropped hose while filling tank. Spilled 1 gallon diesel fuel. Has been cleaned up."

All Materials:

Site ID:	367115
Operable Unit ID:	1125039
Operable Unit:	01
Material ID:	2114549
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

Name:	GETTY # 58616
Address:	1895 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0903136 / 2009-06-17
Facility ID:	0903136
Facility Type:	ER
DER Facility ID:	157655
Site ID:	415218
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	0301
Spill Date:	2009-06-17
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2009-06-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-06-17
Spill Record Last Update:	2009-06-17
Spiller Name:	CARRIE WILSEY
Spiller Company:	GETTY # 58616
Spiller Address:	1895 BRUCKNER BLVD
Spiller Company:	999
Contact Name:	CARRIE WILSEY
DEC Memo:	"minor spill - all cleaned"

GETTY (Continued) **S110488397**

Remarks: "DUE TO POOR HOUSEKEEPING LESS THAN HALF A GALLON OF PRODUCT WAS SPILLED TO CONCRETE. CLEAN UP WAS DONE."

All Materials:

Site ID:	415218
Operable Unit ID:	1171576
Operable Unit:	01
Material ID:	2163391
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.50
Units:	G
Recovered:	.50
Oxygenate:	Not reported

Name:	GETTY # 58616
Address:	1895 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0905840 / 2009-08-19
Facility ID:	0905840
Facility Type:	ER
DER Facility ID:	157655
Site ID:	418133
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	0301
Spill Date:	2009-08-19
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2009-08-19
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-08-19
Spill Record Last Update:	2009-08-19
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CARRIE WILSEY
DEC Memo:	"minor spill - all cleaned"
Remarks:	"CUSTOMER OVERFILL 1 GALLON TO CONCRETE CLEAN UP WAS DONE."

All Materials:

Site ID:	418133
Operable Unit ID:	1174321
Operable Unit:	01

GETTY (Continued) **S110488397**

Material ID:	2166646
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

Name:	GETTY 58616
Address:	1895 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0907287 / 2009-09-29
Facility ID:	0907287
Facility Type:	ER
DER Facility ID:	157655
Site ID:	419796
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	0301
Spill Date:	2009-09-29
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2009-09-29
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-09-29
Spill Record Last Update:	2009-09-29
Spiller Name:	Not reported
Spiller Company:	GETTY STATION
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MIKE KARR
DEC Memo:	"minor spill - all cleaned"
Remarks:	"overfill onto concrete; cleaned up"

All Materials:

Site ID:	419796
Operable Unit ID:	1175801
Operable Unit:	01
Material ID:	2168437
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.50
Units:	Not reported

GETTY (Continued) **S110488397**

Recovered:	.50
Oxygenate:	Not reported

Name:	GETTY # 58616
Address:	1895 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0907644 / 2009-10-07
Facility ID:	0907644
Facility Type:	ER
DER Facility ID:	157655
Site ID:	420181
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	0301
Spill Date:	2009-10-07
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2009-10-07
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-10-07
Spill Record Last Update:	2009-10-07
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	Not reported
Contact Name:	CARRIE WILSEY
DEC Memo:	"minor spill - all cleaned"
Remarks:	"CUSTOMER OVERFILL HALF A GALLON TO CONCRETE CLEAN UP WAS DONE."

All Materials:

Site ID:	420181
Operable Unit ID:	1176164
Operable Unit:	01
Material ID:	2168824
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.50
Units:	G
Recovered:	.50
Oxygenate:	Not reported

Name:	GETTY GAS STATION # 58616
Address:	1895 BRUCKNER BLVD
City,State,Zip:	BRONX, NY

GETTY (Continued) **S110488397**

Spill Number/Closed Date:	0904688 / 2009-07-24
Facility ID:	0904688
Facility Type:	ER
DER Facility ID:	157655
Site ID:	416893
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	0301
Spill Date:	2009-07-22
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2009-07-22
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-07-22
Spill Record Last Update:	2009-07-24
Spiller Name:	Not reported
Spiller Company:	GETTY GAS
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MIKE CARR
DEC Memo:	"minor spill of diesel - all cleaned"
Remarks:	"Clean up Complete."

All Materials:

Site ID:	416893
Operable Unit ID:	1173153
Operable Unit:	01
Material ID:	2165043
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.50
Units:	G
Recovered:	.50
Oxygenate:	Not reported

Name:	GETTY GAS 58616
Address:	1895 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	1001311 / 2010-05-05
Facility ID:	1001311
Facility Type:	ER
DER Facility ID:	157655
Site ID:	434351
DEC Region:	2
Spill Cause:	Human Error

GETTY (Continued) **S110488397**

Spill Class:	C4
SWIS:	0301
Spill Date:	2010-05-04
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2010-05-04
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2010-05-04
Spill Record Last Update:	2010-05-05
Spiller Name:	Not reported
Spiller Company:	UNKNOWN/CUST OVERFILL
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MIKE CARR
DEC Memo:	"minor spill - all cleaned"
Remarks:	"spill to paved surface/clean up complete"

All TTF:

Facility ID:	1001311
Spill Number:	1001311
Spill Tank Test:	2493845
Site ID:	434351
Tank Number:	UNK
Tank Size:	0
Material:	0008
EPA UST:	True
UST:	True
Cause:	02
Source:	06
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	DJFARRAR
Last Modified Date:	Not reported

All Materials:

Site ID:	434351
Operable Unit ID:	1185188
Operable Unit:	01
Material ID:	2179484
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.50
Units:	G
Recovered:	Not reported

GETTY (Continued) **S110488397**

Oxygenate:	Not reported
Site ID:	434351
Operable Unit ID:	1185188
Operable Unit:	01
Material ID:	2179486
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.50
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported
Name:	GETTY 58616
Address:	1895 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0913641 / 2010-03-25
Facility ID:	0913641
Facility Type:	ER
DER Facility ID:	157655
Site ID:	426596
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	Not reported
SWIS:	0301
Spill Date:	2010-03-25
Investigator:	jbvought
Referred To:	Not reported
Reported to Dept:	2010-03-25
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2010-03-25
Spill Record Last Update:	2010-03-25
Spiller Name:	Not reported
Spiller Company:	CUSTOMER OVERFILL
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MIKE CARR
DEC Memo:	"3/25/10-Vought-Duty desk officer. Spill closed due to minor gasoline spill on concrete due to customer overfill. No sewers or drains affected and spill cleaned using absorbent material."
Remarks:	"on concrete - cleaned up"

All Materials:

Site ID:	426596
Operable Unit ID:	1182273
Operable Unit:	01

GETTY (Continued) **S110488397**

Material ID:	2176435
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.50
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Name:	GETTY 58616
Address:	1895 BRUCKNER AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	1003826 / 2011-02-02
Facility ID:	1003826
Facility Type:	ER
DER Facility ID:	392022
Site ID:	437071
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	0301
Spill Date:	2010-07-07
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2010-07-07
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2010-07-07
Spill Record Last Update:	2011-02-02
Spiller Name:	MATT BOECKEL
Spiller Company:	GETTY 58616
Spiller Address:	1895 BRUCKNER AVE
Spiller Company:	999
Contact Name:	MATT BOECKEL
DEC Memo:	"Tyree submitted a Tank Closure report in 4 sections - See eDocs Parts 1-4 Tank Closure Report shows that the 4,000 gal fiberglass tanks, lines and pumps were removed in summer 2010. 20 endpoint samples were taken from the excavation pit. All were clean for VOCs, however there were hits for several SVOC's. Excavation reports show that the tanks were in good condition when removed and no signs of leakage. Also, soil samples from 4 ft below the pumps show the locations were clean. Therefore the SVOC hits are attributed to historical fill material along the Bruckner Expressway area. Based on the information provided to the NYSDEC the remaining soil contamination seems to be minimal and this spill case is OK for closure."
Remarks:	"soil contamination found during tank removal. Unknown sizes/ PBS

GETTY (Continued) **S110488397**

number. Clean up is unknown"

All Materials:

Site ID:	437071
Operable Unit ID:	1187755
Operable Unit:	01
Material ID:	2182645
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Click this hyperlink while viewing on your computer to access additional NY SPILL: detail in the EDR Site Report.

Y111 **GETTY#58616** **NY LTANKS** **S107657083**
North **1895 BRUCKNER BOULVRD** **NY Spills** **N/A**
1/4-1/2 **BRONX, NY**
0.334 mi.
1766 ft. **Site 2 of 2 in cluster Y**

Relative: **Higher**

Actual: **19 ft.**

LTANKS:

Name:	GETTY#58616
Address:	1895 BRUCKNER BOULVRD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0701248 / 2007-05-04
Facility ID:	0701248
Site ID:	380726
Spill Date:	2007-04-30
Spill Cause:	Tank Overfill
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2007-04-30
CID:	444
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	Not reported
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2007-04-30
Spill Record Last Update:	2007-05-04
Spiller Name:	MIKE CARR
Spiller Company:	GETTY#58616
Spiller Address:	1895 BRUCKNER BOULVRD
Spiller County:	001
Spiller Contact:	MIKE CARR
Spiller Phone:	(518) 369-7822

GETTY#58616 (Continued) **S107657083**

Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	308590
DEC Memo:	"minor spill - all cleaned up"
Remarks:	"cuatomer overfill and is all cleaned up"

All Materials:

Site ID:	380726
Operable Unit ID:	1138204
Operable Unit:	01
Material ID:	2128183
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

Name:	GETTY 58616
Address:	1895 BRUCKNER BOULVRD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0603091 / 2006-10-13
Facility ID:	0603091
Site ID:	365723
Spill Date:	2006-06-20
Spill Cause:	Tank Overfill
Spill Source:	Passenger Vehicle
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2006-06-20
CID:	409
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-06-20
Spill Record Last Update:	2006-10-13
Spiller Name:	MIKE CARR
Spiller Company:	GETTY 58616
Spiller Address:	1895 BRUCKNER BOULVRD
Spiller County:	001
Spiller Contact:	MIKE CARR
Spiller Phone:	(518) 369-7822
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	308590
DEC Memo:	"minor spill caused by customer overfill cleaned immediately"
Remarks:	"HAS BEEN CLEANED UP."

GETTY#58616 (Continued) **S107657083**

All Materials:

Site ID:	365723
Operable Unit ID:	1123717
Operable Unit:	01
Material ID:	2113189
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

SPILLS:

Name:	GETTY 58616
Address:	1895 BRUCKNER BOULVRD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0513506 / 2006-10-13
Facility ID:	0513506
Facility Type:	ER
DER Facility ID:	308590
Site ID:	359991
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	0301
Spill Date:	2006-02-22
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2006-02-22
CID:	409
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-02-22
Spill Record Last Update:	2006-10-13
Spiller Name:	MIKE CARR
Spiller Company:	GETTY 58616
Spiller Address:	1895 BRUCKNER BOULVRD
Spiller Company:	001
Contact Name:	MIKE CARR
DEC Memo:	"various staining throughout station on concrete"
Remarks:	"COMBINED TOTAL OF LESS THAN A QUART. STAIN NEXT TO DISPENSER."

All Materials:

Site ID:	359991
Operable Unit ID:	1117181
Operable Unit:	01
Material ID:	2107667

GETTY#58616 (Continued) **S107657083**

Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported
Site ID:	359991
Operable Unit ID:	1117181
Operable Unit:	01
Material ID:	2107668
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported
Name:	GETTY#58616
Address:	1895 BRUCKNER BOULVRD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0513163 / 2006-10-13
Facility ID:	0513163
Facility Type:	ER
DER Facility ID:	308590
Site ID:	359600
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	0301
Spill Date:	2006-02-15
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2006-02-15
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-02-15
Spill Record Last Update:	2006-10-13
Spiller Name:	ED WALDRON
Spiller Company:	GETTY#58616
Spiller Address:	1895 BRUCKNER BOULVRD
Spiller Company:	001
Contact Name:	ED WALDRON
DEC Memo:	"faulty nozzle was replaced. minor spill all cleaned immediately"

GETTY#58616 (Continued) **S107657083**

Remarks: "less then 1 gallon, no drains effected all on concrete, and is cleaned up :"

All Materials:
Site ID: 359600
Operable Unit ID: 1116804
Operable Unit: 01
Material ID: 2107254
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: GETTY# 58616
Address: 1895 BRUCKNER BOULVRD
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 0600702 / 2006-10-13
Facility ID: 0600702
Facility Type: ER
DER Facility ID: 308590
Site ID: 362772
DEC Region: 2
Spill Cause: Housekeeping
Spill Class: C4
SWIS: 0301
Spill Date: 2006-04-18
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 2006-04-18
CID: 408
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2006-04-18
Spill Record Last Update: 2006-10-13
Spiller Name: SCOTT HANLY
Spiller Company: GETTY# 58616
Spiller Address: 1895 BRUCKNER BOULVRD
Spiller Company: 001
Contact Name: SCOTT HANLY
DEC Memo: "staining on concrete throughout station"
Remarks: "STAINING ON THE CONCRETE, ALL CLEANED UP"

All Materials:
Site ID: 362772
Operable Unit ID: 1120844
Operable Unit: 01

GETTY#58616 (Continued) **S107657083**

Material ID:	2110332
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GETTY # 58616
Address:	1895 BRUCKNER BOULVRD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0512312 / 2006-05-09
Facility ID:	0512312
Facility Type:	ER
DER Facility ID:	308590
Site ID:	358603
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	0301
Spill Date:	2006-01-24
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2006-01-24
CID:	408
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2006-01-24
Spill Record Last Update:	2006-05-09
Spiller Name:	SCOTTT HANLEY
Spiller Company:	GETTY # 58616
Spiller Address:	1895 BRUCKNER BOULVRD
Spiller Company:	001
Contact Name:	SCOTTT HANLEY
DEC Memo:	"Follow up on results of discrepancy investigation needed in order to close this spill out. book keeping error - ok to close - see attached document"
Remarks:	"INVENTORY DISCREPANCY. SHUT DOWN STATION, ORDERED TANK TESTS FOR EVERY TANK"

All Materials:

Site ID:	358603
Operable Unit ID:	1115841
Operable Unit:	01
Material ID:	2105949
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported

GETTY#58616 (Continued) **S107657083**

Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GETTY #58616
Address:	1895 BRUCKNER BOULVRD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0602210 / 2006-10-13
Facility ID:	0602210
Facility Type:	ER
DER Facility ID:	308590
Site ID:	364591
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	0301
Spill Date:	2006-05-30
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2006-05-30
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-05-30
Spill Record Last Update:	2006-10-13
Spiller Name:	MIKE CARR
Spiller Company:	GETTY #58616
Spiller Address:	1895 BRUCKNER BOULVRD
Spiller Company:	001
Contact Name:	MIKE CARR
DEC Memo:	"surface staining throughout station"
Remarks:	"ALL LESS THEN 1 GALLON AND ALL, CLEANED UP"

All Materials:

Site ID:	364591
Operable Unit ID:	1122614
Operable Unit:	01
Material ID:	2112082
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	364591

GETTY#58616 (Continued) **S107657083**

Operable Unit ID:	1122614
Operable Unit:	01
Material ID:	2112083
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	364591
Operable Unit ID:	1122614
Operable Unit:	01
Material ID:	2112084
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GETTY 58616
Address:	1895 BRUCKNER BOULVRD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0602147 / 2006-10-13
Facility ID:	0602147
Facility Type:	ER
DER Facility ID:	308590
Site ID:	364625
DEC Region:	2
Spill Cause:	Other
Spill Class:	Not reported
SWIS:	0301
Spill Date:	2006-05-26
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2006-05-26
CID:	409
Water Affected:	Not reported
Spill Source:	Passenger Vehicle
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-05-30
Spill Record Last Update:	2006-10-13
Spiller Name:	UNKNOWN
Spiller Company:	Unknown
Spiller Address:	UNKNOWN

GETTY#58616 (Continued) **S107657083**

Spiller Company:	999
Contact Name:	MIKE CARR
DEC Memo:	"dispenser #3 hit by a car. No damage, pump was tested, nozzle replaced no spill."
Remarks:	"HIT DISPENSER. DISPENSER 3 SHUT DOWN TECH IN ROUTE TO MAKE REPAIRS. NO PRODUCT LOST."

All Materials:

Site ID:	364625
Operable Unit ID:	1122647
Operable Unit:	01
Material ID:	2112124
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GETTY#58616
Address:	1895 BRUCKNER BOULVRD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0614014 / 2007-03-30
Facility ID:	0614014
Facility Type:	ER
DER Facility ID:	308590
Site ID:	379181
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	0301
Spill Date:	2007-03-30
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2007-03-30
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2007-03-30
Spill Record Last Update:	2007-03-30
Spiller Name:	MIKE CARR
Spiller Company:	GETTY#58616
Spiller Address:	1895 BRUCKNER BOULVRD
Spiller Company:	001
Contact Name:	MIKE CARR
DEC Memo:	"minor spill all cleaned."
Remarks:	"LESS THEN 1 GALLON AND IS CONTAINED AND VAC TRUCK WILL BE GOING: ANSWER TO QUESTION: NO"

GETTY#58616 (Continued) **S107657083**

All Materials:

Site ID:	379181
Operable Unit ID:	1136671
Operable Unit:	01
Material ID:	2126617
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GETTY # 58616
Address:	1895 BRUCKNER BOULVRD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0613114 / 2007-03-06
Facility ID:	0613114
Facility Type:	ER
DER Facility ID:	308590
Site ID:	378083
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	0301
Spill Date:	2007-03-06
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2007-03-06
CID:	408
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2007-03-06
Spill Record Last Update:	2007-03-06
Spiller Name:	SCOT HANLEY
Spiller Company:	GETTY # 58616
Spiller Address:	1895 BRUCKNER BOULVRD
Spiller Company:	001
Contact Name:	MIKE CARRIER
DEC Memo:	"minor housekeeping spill - all cleaned"
Remarks:	"ALL CONTAINED; HAS BEEN CLEANED;"

All Materials:

Site ID:	378083
Operable Unit ID:	1135596
Operable Unit:	01
Material ID:	2125515
Material Code:	0022

GETTY#58616 (Continued) **S107657083**

Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	378083
Operable Unit ID:	1135596
Operable Unit:	01
Material ID:	2125513
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	378083
Operable Unit ID:	1135596
Operable Unit:	01
Material ID:	2125514
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GETTY#58616
Address:	1895 BRUCKNER BOULVRD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0701176 / 2007-04-27
Facility ID:	0701176
Facility Type:	ER
DER Facility ID:	308590
Site ID:	380643
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	0301
Spill Date:	2007-04-27
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2007-04-27
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False

GETTY#58616 (Continued) **S107657083**

Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2007-04-27
Spill Record Last Update:	2007-04-27
Spiller Name:	MIKE CARR
Spiller Company:	GETTY#58616
Spiller Address:	1895 BRUCKNER BOULVRD
Spiller Company:	001
Contact Name:	MIKE CARR
DEC Memo:	"minor spill - all cleaned"
Remarks:	"LESS THEN 1 GALLON AND IT WAS WATER IN TANK SUMP AND IN PROCESS OF CLEANING UP AND ANSWER IS NO"

All Materials:

Site ID:	380643
Operable Unit ID:	1138121
Operable Unit:	01
Material ID:	2128096
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GETTY #58616
Address:	1895 BRUCKNER BOULVRD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0700807 / 2007-04-20
Facility ID:	0700807
Facility Type:	ER
DER Facility ID:	308590
Site ID:	380207
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	0301
Spill Date:	2007-04-20
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2007-04-20
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2007-04-20
Spill Record Last Update:	2007-04-20

GETTY#58616 (Continued) **S107657083**

Spiller Name:	MIKE CARR
Spiller Company:	GETTY #58616
Spiller Address:	1895 BRUCKNER BOULVRD
Spiller Company:	001
Contact Name:	MIKE CARR
DEC Memo:	""
Remarks:	"SPEEDI DRI DOWN AND ALL CLEAN"

All Materials:

Site ID:	380207
Operable Unit ID:	1137692
Operable Unit:	01
Material ID:	2127650
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3.00
Units:	G
Recovered:	3.00
Oxygenate:	Not reported

Name:	GETTY # 58616
Address:	1895 BRUCKNER BOULVRD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0701560 / 2007-05-08
Facility ID:	0701560
Facility Type:	ER
DER Facility ID:	308590
Site ID:	381095
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	0301
Spill Date:	2007-05-08
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2007-05-08
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2007-05-08
Spill Record Last Update:	2007-05-08
Spiller Name:	MIKE CARR
Spiller Company:	GETTY# 58616
Spiller Address:	1895 BRUCKNER BOULVRD
Spiller Company:	999
Contact Name:	MIKE CARR
DEC Memo:	"minor spill - all cleaned"
Remarks:	"ALL CLEANED UP"

GETTY#58616 (Continued) **S107657083**

All Materials:

Site ID:	381095
Operable Unit ID:	1138560
Operable Unit:	01
Material ID:	2128553
Material Code:	0021
Material Name:	transmission fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

Click this hyperlink while viewing on your computer to access
5 additional NY SPILL: record(s) in the EDR Site Report.

Z112 **1915 BRUCKNER BLVD** **NY LTANKS** **S106382964**
NNE **1915 BRUCKNER BLVD** **NY Spills** **N/A**
1/4-1/2 **BRONX, NY**
0.352 mi.
1857 ft. **Site 1 of 2 in cluster Z**

Relative:
Higher

Actual:
19 ft.

LTANKS:

Name:	1915 BRUCKNER BLVD
Address:	1915 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9311420 / 1995-01-11
Facility ID:	9311420
Site ID:	79938
Spill Date:	1993-12-22
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C3
Cleanup Ceased:	1995-01-11
SWIS:	0301
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	1993-12-22
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1993-12-28
Spill Record Last Update:	1995-03-03
Spiller Name:	Not reported
Spiller Company:	GETTY - SCOTT HANLEY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported

1915 BRUCKNER BLVD (Continued) **S106382964**

DEC Region: 2
DER Facility ID: 74141
DEC Memo: ""
Remarks: "EX. INVEST."

All TTF:
Facility ID: 9311420
Spill Number: 9311420
Spill Tank Test: 1542327
Site ID: 79938
Tank Number: Not reported
Tank Size: 0
Material: 0009
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 79938
Operable Unit ID: 990049
Operable Unit: 01
Material ID: 390459
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: GETTY 186
Address: 1915 BRUCKNER BLVD
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 0314038 / 2004-08-02
Facility ID: 0314038
Facility Type: ER
DER Facility ID: 74141
Site ID: 79937
DEC Region: 2
Spill Cause: Other
Spill Class: C4
SWIS: 0301
Spill Date: 2004-03-24
Investigator: JBVOUGHT
Referred To: Not reported
Reported to Dept: 2004-03-24
CID: 407

1915 BRUCKNER BLVD (Continued) **S106382964**

Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-03-24
Spill Record Last Update:	2004-08-02
Spiller Name:	MIKE CARR
Spiller Company:	GETTY 186
Spiller Address:	1915 BRUCKNER BLVD
Spiller Company:	001
Contact Name:	MIKE CARR
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT 8/2/04-Vought-Letter from Tyree dated 7/26/04. These spills were reported because of product in spill buckets, poor housekeeping or human error. All product was properly cleaned and disposed of shortly after these spills were reported. Additionally, none of these releases caused products to contaminate the subsurface, groudwater or any sensitive receptors, such as drains or waterways. The Tyree Organization is requesting closure..... . Spill closed by Vought. Spill filed under #0307302. "
Remarks:	"gas spilled into spill puckets, none reached the ground, spill contained."

All Materials:

Site ID:	79937
Operable Unit ID:	880988
Operable Unit:	01
Material ID:	495624
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GETTY #186
Address:	1915 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0513227 / 2006-07-31
Facility ID:	0513227
Facility Type:	ER
DER Facility ID:	74141
Site ID:	359677
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	0301
Spill Date:	2006-02-16
Investigator:	SMSANGES
Referred To:	Not reported

1915 BRUCKNER BLVD (Continued) **S106382964**

Reported to Dept:	2006-02-16
CID:	64
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	2006-02-17
Spill Record Last Update:	2006-07-31
Spiller Name:	SCOTT HANLEY
Spiller Company:	GETTY #186
Spiller Address:	1915 BRUCKNER BLVD
Spiller Company:	001
Contact Name:	SCOTT HANLEY
DEC Memo:	"Tyree submitted closure document June 2006 Dispenser pumps #1 & #2 had leaking piping. Drips were to a dispenser sump. The piping was repaired, internal leaks were repaired and the impact valve was secured. Dispenser was cleaned and put back into service."
Remarks:	"Less than 1 cup - all cleaned up. Piping under the dispenser was effected only."

All Materials:

Site ID:	359677
Operable Unit ID:	1116875
Operable Unit:	01
Material ID:	2107327
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GETTY # 186
Address:	1915 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0600700 / 2007-01-04
Facility ID:	0600700
Facility Type:	ER
DER Facility ID:	74141
Site ID:	362770
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	0301
Spill Date:	2006-04-18
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2006-04-18
CID:	408
Water Affected:	Not reported

1915 BRUCKNER BLVD (Continued) **S106382964**

Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-04-18
Spill Record Last Update:	2007-01-04
Spiller Name:	SCOTT HANLY
Spiller Company:	GETTY # 186
Spiller Address:	1915 BRUCKNER BLVD
Spiller Company:	001
Contact Name:	SCOTT HANLY
DEC Memo:	"minor spill - speedie dry applied - all cleaned"
Remarks:	"STAINING, SPEEDY DRY APPLIED, PUT INTO GARBAGE"

All Materials:

Site ID:	362770
Operable Unit ID:	1120842
Operable Unit:	01
Material ID:	2110330
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GETTY 186
Address:	1915 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0512200 / 2007-06-26
Facility ID:	0512200
Facility Type:	ER
DER Facility ID:	74141
Site ID:	358563
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	0301
Spill Date:	2006-01-15
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2006-01-21
CID:	38
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	Not reported

1915 BRUCKNER BLVD (Continued) **S106382964**

Remediation Phase:	0
Date Entered In Computer:	2006-01-24
Spill Record Last Update:	2007-06-26
Spiller Name:	HANLEY, SCOTT
Spiller Company:	GETTY 186
Spiller Address:	1915 BRUCKNER BLVD
Spiller Company:	001
Contact Name:	HANLEY, SCOTT
DEC Memo:	"Adequate spill information provided"
Remarks:	"RESIDUAL GAS FROM DELIVERY. cONTAINED IN SPILL BUCKET. SPILL CLEANED UP BY OPERATOR ."

All Materials:

Site ID:	358563
Operable Unit ID:	1115801
Operable Unit:	01
Material ID:	2105910
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

Name:	GETTY GAS STATION
Address:	1915 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	1101451 / 2011-05-09
Facility ID:	1101451
Facility Type:	ER
DER Facility ID:	74141
Site ID:	448903
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	0301
Spill Date:	2011-05-09
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2011-05-09
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-05-09
Spill Record Last Update:	2011-05-09
Spiller Name:	Not reported
Spiller Company:	CUTOMER
Spiller Address:	Not reported

1915 BRUCKNER BLVD (Continued) **S106382964**

Spiller Company:	999
Contact Name:	MIKE HART
DEC Memo:	"minor spill - cleanup complete"
Remarks:	"0829 THE CALLER ADVISED DISPATCH THE SPILL WAS DUE TO OVERFILL AND CONCRETE WAS IMPACTED. THE SPILL HAS BEEN CLEANED UP."

All Materials:

Site ID:	448903
Operable Unit ID:	1199133
Operable Unit:	01
Material ID:	2195484
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Name:	GETTY #186
Address:	1915 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0612894 / 2008-10-24
Facility ID:	0612894
Facility Type:	ER
DER Facility ID:	74141
Site ID:	377841
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	0301
Spill Date:	2007-03-01
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2007-03-01
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2007-03-01
Spill Record Last Update:	2008-10-24
Spiller Name:	JOSEPH GAVIN
Spiller Company:	GETTY #186
Spiller Address:	1915 BRUCKNER BLVD
Spiller Company:	001
Contact Name:	JOSEPH GAVIN
DEC Memo:	"Tyree report says: Piping in dispenser was repaired. all sumps are contained No loss of product. C2G inspected and says no problem impacts."
Remarks:	"PBS No: 2-320153 LEAK ON HOSE AND PIPING INSIDE DISPENSER: LESS THEN

1915 BRUCKNER BLVD (Continued) **S106382964**

1 GALLON: IS SHUT DOWN"

All Materials:

Site ID:	377841
Operable Unit ID:	1135359
Operable Unit:	01
Material ID:	2125259
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GETTY #186
Address:	1915 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0612840 / 2007-03-14
Facility ID:	0612840
Facility Type:	ER
DER Facility ID:	74141
Site ID:	377772
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	0301
Spill Date:	2007-02-27
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2007-02-27
CID:	408
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2007-02-27
Spill Record Last Update:	2007-03-14
Spiller Name:	SCOT HANLEY
Spiller Company:	GETTY #186
Spiller Address:	1915 BRUCKNER BLVD
Spiller Company:	001
Contact Name:	MIKE CARRIER
DEC Memo:	"2/28/07-Vought-Duty desk officer. Spill assigned to DEC Sangesland as case manager for minor getty spills."
Remarks:	"NOT YET CLEANED; VAC TRUCK SCHEDULED; SHEEN ON WATER IN TANK SUMPS; ANSWER TO QUESTION IS NO;"

All Materials:

Site ID:	377772
Operable Unit ID:	1135294

1915 BRUCKNER BLVD (Continued) **S106382964**

Operable Unit: 01
Material ID: 2125192
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: GETTY#186
Address: 1915 BRUCKNER BLVD
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 0800009 / 2008-04-01
Facility ID: 0800009
Facility Type: ER
DER Facility ID: 74141
Site ID: 395689
DEC Region: 2
Spill Cause: Human Error
Spill Class: C4
SWIS: 0301
Spill Date: 2008-04-01
Investigator: smsanges
Referred To: Not reported
Reported to Dept: 2008-04-01
CID: 444
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Not reported
UST Trust: Not reported
Remediation Phase: 0
Date Entered In Computer: 2008-04-01
Spill Record Last Update: 2008-04-01
Spiller Name: MIKE CARR\\
Spiller Company: GETTY#186
Spiller Address: 1915 BRUCKNER BLVD
Spiller Company: 001
Contact Name: MIKE CARR\\
DEC Memo: "minor spill - all cleaned"
Remarks: "CUSTOMER OVERFILL AND CLEANED UP"

All Materials:
Site ID: 395689
Operable Unit ID: 1152631
Operable Unit: 01
Material ID: 2143411
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 2.00

1915 BRUCKNER BLVD (Continued) **S106382964**

Units:	G
Recovered:	2.00
Oxygenate:	Not reported

Name:	GETTY#186
Address:	1915 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0800332 / 2008-04-09
Facility ID:	0800332
Facility Type:	ER
DER Facility ID:	74141
Site ID:	396071
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	0301
Spill Date:	2008-04-09
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2008-04-09
CID:	444
Water Affected:	Not reported
Spill Source:	Passenger Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-04-09
Spill Record Last Update:	2008-04-09
Spiller Name:	MIKE CARR\\
Spiller Company:	GETTY#186
Spiller Address:	1915 BRUCKNER BLVD
Spiller Company:	001
Contact Name:	MIKE CARR\\
DEC Memo:	"minor spill - all cleaned up"
Remarks:	"CUSTOMER OVERFILL AND ALL CLEANED"

All Materials:

Site ID:	396071
Operable Unit ID:	1153017
Operable Unit:	01
Material ID:	2143796
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

Name:	GETTY#186
Address:	1915 BRUCKNER BLVD

1915 BRUCKNER BLVD (Continued) **S106382964**

City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0803157 / 2008-08-18
Facility ID:	0803157
Facility Type:	ER
DER Facility ID:	74141
Site ID:	399845
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	0301
Spill Date:	2008-06-17
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2008-06-17
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-06-17
Spill Record Last Update:	2008-08-18
Spiller Name:	MIKE CARR‘
Spiller Company:	GETTY#186
Spiller Address:	1915 BRUCKNER BLVD
Spiller Company:	001
Contact Name:	MIKE CARR‘
DEC Memo:	"Tyree sent a closure letter which said: On June 17, 2008 it was noted that there was water exhibiting a sheen noted in the tank top sumps. It appears that storm water runoff water had accumulated in the tank top sumps. The NYSDEC was immediately notified and spill No. 08-03157 was assigned to the site. On June 30, 2007 Tyree Environmental Corporation (Tyree) was notified of the incident and a vacuum truck was dispatched to the site. A total of approximately 29 gallons of liquid was pumped out of the tank top sumps and spill buckets. The tank top sumps are contained as such there was no impact to the subsurface soil or groundwater. A copy of the waste manifest is included with this letter. A review of the statistical inventory reconciliation records for April 2008 through June 2008 was conducted and it was determined that there was no product loss. ********** ******** See eDocs for copy of letter and waste manifest"
Remarks:	"LESS THEN 1 GALLON OF EACH AND SPEEDI DRI DOWN FOR DIESEL AND VAC TRUCK ENROUTE FOR GAS"

All Materials:

Site ID:	399845
Operable Unit ID:	1156703
Operable Unit:	01
Material ID:	2147650
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum

1915 BRUCKNER BLVD (Continued) **S106382964**

Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported
Site ID:	399845
Operable Unit ID:	1156703
Operable Unit:	01
Material ID:	2147651
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported
Name:	GETTY #186
Address:	1915 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0712863 / 2008-03-07
Facility ID:	0712863
Facility Type:	ER
DER Facility ID:	74141
Site ID:	394541
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	0301
Spill Date:	2008-03-07
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2008-03-07
CID:	408
Water Affected:	Not reported
Spill Source:	Passenger Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-03-07
Spill Record Last Update:	2008-03-07
Spiller Name:	Not reported
Spiller Company:	CUSTOMER OVERFILL
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MIKE CARR\\
DEC Memo:	"minor spill - all cleaned"
Remarks:	"has been cleaned;"

All Materials:

Site ID:	394541
Operable Unit ID:	1151493

1915 BRUCKNER BLVD (Continued) **S106382964**

Operable Unit:	01
Material ID:	2142222
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Click this hyperlink while viewing on your computer to access
11 additional NY SPILL: record(s) in the EDR Site Report.

AA113 **SACK WERN HOUSES** **NY LTANKS** **S121988626**
WSW **710 CROES AVE** **N/A**
1/4-1/2 **BRONX, NY**
0.353 mi.
1862 ft. **Site 1 of 4 in cluster AA**

Relative:
Higher

Actual:
25 ft.

LTANKS:

Name:	SACK WERN HOUSES
Address:	710 CROES AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9700914 / 1997-09-24
Facility ID:	9700914
Site ID:	179528
Spill Date:	1997-04-21
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1997-04-21
CID:	282
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-04-21
Spill Record Last Update:	1997-09-24
Spiller Name:	FRANK OCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	SAME
Spiller Phone:	(212) 306-3229
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	150666
DEC Memo:	""
Remarks:	"TANK FAILED THE TEST ."

SACK WERN HOUSES (Continued) **S121988626**

All TTF:

Facility ID:	9700914
Spill Number:	9700914
Spill Tank Test:	1545083
Site ID:	179528
Tank Number:	1
Tank Size:	6000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

AA114 **SACK WERN HOUSES -NYCHA** **NY LTANKS** **S121988633**
WSW **710 CROES AV** **N/A**
1/4-1/2 **BRONX, NY**
0.353 mi.
1862 ft. **Site 2 of 4 in cluster AA**

Relative:
Higher

Actual:
25 ft.

LTANKS:

Name:	SACK WERN HOUSES -NYCHA
Address:	710 CROES AV
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9707186 / 2002-08-16
Facility ID:	9707186
Site ID:	211382
Spill Date:	1997-09-17
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	B4
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	1997-09-17
CID:	323
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-09-17
Spill Record Last Update:	2005-01-21
Spiller Name:	FRANK OCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY 16TH FLOOR
Spiller County:	001
Spiller Contact:	FRANK OCELLO

SACK WERN HOUSES -NYCHA (Continued) **S121988633**

Spiller Phone: (212) 306-3229
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 175209
DEC Memo: ""
Remarks: "WILL ISOLATE AND RETEST."

All TTF:
Facility ID: 9707186
Spill Number: 9707186
Spill Tank Test: 1545324
Site ID: 211382
Tank Number: 1
Tank Size: 6000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 211382
Operable Unit ID: 1053415
Operable Unit: 01
Material ID: 332764
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AA115 **SACK WERN HOUSES** **NY LTANKS** **S121988627**
WSW **750 CROES AV** **N/A**
1/4-1/2 **BRONX, NY**
0.353 mi.
1863 ft. **Site 3 of 4 in cluster AA**

Relative:
Higher

Actual:
26 ft.

LTANKS:
Name: SACK WERN HOUSES
Address: 750 CROES AV
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 9700973 / 1997-06-04
Facility ID: 9700973
Site ID: 283095
Spill Date: 1997-04-22
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3

SACK WERN HOUSES (Continued) **S121988627**

Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1997-04-22
CID:	211
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-04-22
Spill Record Last Update:	1997-06-04
Spiller Name:	FRANK OCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	FRANK OCELLO
Spiller Phone:	(212) 306-3229
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	229611
DEC Memo:	""
Remarks:	"MANHOLE COVER GASKET REPLACED AND RETEST TO BE DONE"

All TTF:

Facility ID:	9700973
Spill Number:	9700973
Spill Tank Test:	1545086
Site ID:	283095
Tank Number:	1
Tank Size:	6000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	283095
Operable Unit ID:	1043618
Operable Unit:	01
Material ID:	337535
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G

SACK WERN HOUSES (Continued) **S121988627**

Recovered: .00
Oxygenate: Not reported

AA116 **SACK WERN HOUSES -NYCHA** **NY LTANKS** **S121988628**
WSW **750 CROES AVE** **N/A**
1/4-1/2 **BRONX, NY**
0.353 mi.
1863 ft. **Site 4 of 4 in cluster AA**

Relative:
Higher

Actual:
26 ft.

LTANKS:

Name:	SACK WERN HOUSES -NYCHA
Address:	750 CROES AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9702243 / 2002-08-16
Facility ID:	9702243
Site ID:	72243
Spill Date:	1997-05-21
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	1997-05-21
CID:	370
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-05-21
Spill Record Last Update:	2005-01-21
Spiller Name:	FRANK OCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	ABOVE
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	68222
DEC Memo:	""
Remarks:	"TANK TEST FAILURE PLUMBERS WILL FIX TOMORROW NO SPILL"

All Materials:

Site ID:	72243
Operable Unit ID:	1044978
Operable Unit:	01
Material ID:	335186
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00

SACK WERN HOUSES -NYCHA (Continued) **S121988628**

Units: G
Recovered: .00
Oxygenate: Not reported

Z117 **SHELL SERVICE STATION** **NY LTANKS** **S102673441**
NNE **1929 BRUCKNER BLVD** **NY Spills** **N/A**
1/4-1/2 **BRONX, NY**
0.369 mi.
1947 ft. **Site 2 of 2 in cluster Z**

Relative: **Higher**
Actual: **19 ft.**

LTANKS:

Name:	SHELL STATION
Address:	1929 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9605826 / 2002-07-11
Facility ID:	9605826
Site ID:	161700
Spill Date:	1996-08-06
Spill Cause:	Tank Overfill
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	1996-08-06
CID:	349
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1996-08-06
Spill Record Last Update:	2002-07-11
Spiller Name:	BUDDY BEILER
Spiller Company:	SHELL STATION
Spiller Address:	1929 BRUCKNER BLVD
Spiller County:	001
Spiller Contact:	BUDDY BEILER
Spiller Phone:	(860) 571-3127
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	136508
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 7/11/2002 - Used Oil Tank Closure Report - Some SVOC's from side walls of excavation are above TAGM. Bottom samples were clean. Status - No Further Action"
Remarks:	"upgrading the overspill at station, encountered contaminated soil"

All Materials:

Site ID:	161700
Operable Unit ID:	1036626
Operable Unit:	01
Material ID:	556481
Material Code:	0009

SHELL SERVICE STATION (Continued) **S102673441**

Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	SVOCS AT SHELL GAS STATION
Address:	1929 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	1200964 / 2012-04-30
Facility ID:	1200964
Facility Type:	ER
DER Facility ID:	136508
Site ID:	463627
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	0301
Spill Date:	2012-04-30
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	2012-04-30
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-04-30
Spill Record Last Update:	2012-04-30
Spiller Name:	ALEX GUARDIA
Spiller Company:	SHELL
Spiller Address:	1929 BRUCKNER BLVD
Spiller Company:	999
Contact Name:	ALEX GUARDIA
DEC Memo:	"4/30/12-Vought-Duty desk officer. Called and spoke to Conklin Services (Adam Scheu Ph:(845) 561-1512) and soil analyticals from endpoint excavation from hydraulic lift show 1.6ppm benzo(a)anthracene, 1.5ppm benzo(a)fluoranthene, .63ppm indeno(1,2,30cd)pyrene and 1.5ppb chrysene. No PID readings on samples and no VOCs and site will remain a gas station. Excavation already backfilled and covered with new lift and concrete and soil that samples taken from were fill as per Scheu which may also explain minor SVOC exceedences. Spill closed by Vought."
Remarks:	"Minor oil released after previously changing out lift at location. Soil samples just came in"

All Materials:

Site ID:	463627

SHELL SERVICE STATION (Continued) **S102673441**

Operable Unit ID:	1213722
Operable Unit:	01
Material ID:	2211720
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	SHELL GAS
Address:	1929 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0713600 / 2011-01-25
Facility ID:	0713600
Facility Type:	ER
DER Facility ID:	136508
Site ID:	395375
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	0301
Spill Date:	2008-03-25
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2008-03-25
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-03-25
Spill Record Last Update:	2011-01-25
Spiller Name:	MARK LANCASTER
Spiller Company:	SHELL GAS
Spiller Address:	1929 BRUCKNER BLVD
Spiller Company:	001
Contact Name:	MARK LANCASTER
DEC Memo:	"Sangesland spoke to Mark Lancaster (consultant) they are doing Phase 2 reviews on several Shell stations in the city. They will forward a copy of thier report to DEC for review. 10/09/08 Email from Sovereign Consulting Inc.(Danielle D'Altrui)indicates that UST removal and replacements have been scheduled on october 13,2008.(sr) 06/01/09 Rec'd Tank Excavation Assessment(TEA) report prepared by Sovereign Consulting,Inc. The site is a Shell Service Station which dispensed gasoline from four(4) product dispensers located in the center of the property.UST tankfield located west of the dispensers, contained four(4) 4,000 gallon single wall fiber glass USTs.There were three monitoring wells located at the site(MW-1 to MW-3).MW-1 was abandoned

SHELL SERVICE STATION (Continued) **S102673441**

during the tank removal activities.Upon completion of UST removals two 12,000 gallon double wall fiber glass USTs were installed in the same area as the 4,000 gallon tanks.The gasoline USTs, along with associated product piping and dispensers were removed by Island Pump and Tank.The removed tanks were in good condition, no visible holes.The soil was removed to top of weathered bedrock which was approx.13.5 to 16.5 ft below grade.Prior to installation of the new USTs, a total of ten(10) post excavation soil samples were collected from the sidewalls of the tank field.Post excavation samples were obtained from the product dispensers also.One VOC was detected above the RSCO in one sample.Post excavation samples were taken from product piping delivery lines. No VOCs detected above the RSCO.Sovereign, on behalf of Motiva proposes to install two monitoring wells in order to perform ground water sampling.(sr) *** GW monitoring wells installation will take place from June 10 through June 12th'09.*** 09/18/09 Rec'd quarterly monitoring report August 31, 2009.Sample date July 14,2009, four wells sampled. Total BTEX <6.0 to 2,598.56 ug/L,MTBE <5.0 to 361.2 ug/L. Depth to ground water 10.36 to 11.85 ft.GW flow direction southeast.Next quarterly sampling event October 2009.(sr) 03/05/10 Updated report on 03/03/10. Four wells were sampled on 01/19/10. Total BTEX:<6.00 ppb to 457.9 ppb, MTBE:<5.00 ppb to 174 ppb. Sovereign to do a High Vacuum Extraction(HVE) event on March 2,2010 on MW-2 to address BTEX concentration.Next sampling 04/2010.(sr) 07/21/10 June 2010 report in edocs.(sr) 11/02/10 Status report rec'd for May 2010- August 2010.Four Monitoring wells were surveyed.Total BTEX: <6.00 to 159.55 ug/l, MTBE: <5.00 to 24.48 ug/l. Depth to ground water 11.21 to 12.57 ft.One additional round of ground water sampling scheduled for October 2010.(sr) 01/25/11 Rec'd status report dated Jan 25 2011.Four existing wells were surveyed.Total BTEX <6.0 ug/L to 5.45 ug/L; MTBE <5.0 ug/L to 5.66 ug/L. Based on the result of the investigation and remedial activities performed at the site, and ground water concentration which are all below standard, Sovereign requested closure of the case. All reports are in edocs.Case closed.(sr) "

Remarks: "effected groundwater during phase two"

All Materials:

Site ID:	395375
Operable Unit ID:	1152318
Operable Unit:	01
Material ID:	2143096
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	SHELL SERVICE STATION
Address:	1929 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0410440 / 2006-02-21
Facility ID:	0410440
Facility Type:	ER
DER Facility ID:	136508

SHELL SERVICE STATION (Continued) **S102673441**

Site ID:	335419
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	0301
Spill Date:	2004-12-20
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2004-12-20
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-12-20
Spill Record Last Update:	2006-02-21
Spiller Name:	MATTHEW SCHNECK
Spiller Company:	SHELL SERVICE STATION
Spiller Address:	1929 BRUCKNER BLVD
Spiller Company:	001
Contact Name:	MATTHEW SCHNECK
DEC Memo:	"1/28/2005 Contaminated soil letter (CSL) sent to Motiva 3/23/05 - reassigned to Randy Austin per today's meeting. Heating oil spill. KST 3/28/05 - Austin - Temp. reassigned to Rossan, pending reassignment - no action will betaken until then 02/07/06 Assigned to DEC Patel. 02/08/06-Hiralkumar Patel. whatever phone numbers we have on report are out of service. the only contact number i got is for Ms. Rhondi Shaull and she is permit coordinator for north-east region. her number is 800-344-7823. Left message for Rhondi. 02/10/06-Hiralkumar Patel. Spoke with Ms. Shaull at Motiva. she will call back with required information about responsible person and phone number. FAX for Rhondi Shaull: (281) 874-1414 02/14/06-Hiralkumar Patel. Spoke with representative at Motiva. she gave number at gas station as (718) 823-6454 Spoke with Ms. Nancy at gas station. she doesn't know anything about soil contamination. Shell is owing this property. Nancy ask someone from shell to call me lateron. ** This site is also owned by Shell, as another site related to Spill# 0410718 is. here is the part of conversation from Spill# 0410718** 02/16/06-Hiralkumar Patel. Spoke with Dabbie. as per her, Matthew has prepared tank closure report. she will call back, once she get Matthew on line. 02/17/06-Hiralkumar Patel. Spoke with Dabbie. she told me that Northeast environment has changed their company name to Longshore Environment. and owner and project manager for this site is Matthew Schneck (631-472-1732). Dabbie suggest me for conference call once she get Matthew on line this afternoon. 02/21/06-Hiralkumar Patel. Cell phone number of Matthew at Lonshore 631-433-2945. spoke with Matthew, he will send me reports through email today. Received reports in email. Abstracts of Report: - excavate and remove (1) 550-gallon heating oil single-wall steel UST and associated vent piping. - The UST was in good condition; no rusting or pitting was observed on the sides and bottom of the UST. Following removal, the UST was vented by an opening cut into the side

SHELL SERVICE STATION (Continued) **S102673441**

of the tank that allowed for ambient air to circulate through prior to the decontamination of residual sludge. Some vent piping associated with the heating oil UST was abandoned in place due to its proximity to the gasoline UST vent piping. - Soils beneath and around the UST appeared to be impacted with petroleum and exhibited a petroleum odor. - due to the suspected petroleum impact to soils, an area approximately 6 ft wide X 9 ft long X 7 ft deep was excavated and was stockpiled for disposal. Approximately 8 cubic yards of soil was removed and segregated for disposal. - Post-excavation soil samples retained from the sidewalls of the excavation at 5 feet below grade (ft bg) did not appear stained and did not exhibit a petroleum odor. Soil samples from the bottom of the excavation at 7 ft bg did not appear stained and exhibited a slight petroleum odor. - Soil disposal documentation has not been received to date\\ - four (4) composite sidewall samples and a bottom endpoint sample were collected from the UST excavation. Soil samples collected were screened with a PID for the presence of VOCs. PID readings ranged from below the detection limits of the instrument (ND) to 56.7 parts per million by volume (ppmV). - targeted volatile organic compounds (VOCs) below NYSDEC recommended soil cleanup objectives. - Each sidewall sample exhibited concentrations of poly-aromatic hydrocarbons (PAHs) above NYSDEC recommended soil cleanup objectives. - bottom sample indicated concentrations of (1) PAH above NYSDEC recommended soil cleanup objectives {benzo(a)pyrene -> 73 ppb (limit: 61 ppb)}. - Post excavation soil samples exhibited concentrations of (4) PAHs slightly above NYSDEC soil cleanup objectives.
----------north---------east--------south--------west---
----bottom
Benzo(a)anthracene----------320----------1,
540----------(limit: 224)
Benzo(b)fluoranthene----300----------329---------159---------2,
230----------(limit: 220)
Benzo(k)
fluoranthene----------803----------
----(limit: 220)
Benzo(a)pyrene----------233----------329---------108---------1,
650----------(limit: 61)
Chrysene----------1,
520----------(limit: 400) - concentrations of the remaining (24) target VOCs and PAHs were below cleanup objectives. - Soils are capped with asphalt which prevents direct exposure. As discussed with Steve Sangesland, this area has 3-4 big spills in past and whole area is contaminated. and as the PAHs are little high than limit, no further action required. case closed."

Remarks: "DURING A UST REMOVAL FOUND CONTAMINATED SOIL:"

All Materials:

Site ID:	335419
Operable Unit ID:	1097488
Operable Unit:	01
Material ID:	577473
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00

SHELL SERVICE STATION (Continued) **S102673441**

Oxygenate: Not reported

118
SW
1/4-1/2
0.387 mi.
2045 ft.

ORGANIC RENEWAL LLC **NY SWF/LF** **S121132869**
ORGANIC RECYCLING; INC. **NY Financial Assurance** **N/A**
GOSHEN, NY 10924

Relative:
Higher

Actual:
19 ft.

SWF/LF:

Name:	ORGANIC RENEWAL LLC
Address:	ORGANIC RECYCLING; INC.
City,State,Zip:	GOSHEN, NY 10924
Flag:	ACTIVE
Region Code:	3
Phone Number:	8456517544
Owner Name:	Environmental Farms; LLC
Owner Type:	Not reported
Owner Address:	121 Route 303 Bldg #1
Owner Addr2:	Not reported
Owner City,St,Zip:	Orangeburg, NY 10962
Owner Email:	001benghoe@gmail.com
Owner Phone:	8453981012
Contact Name:	Tiju Daniel
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	tdaniel@organicrecycling.com
Contact Phone:	8453981012
Activity Desc:	Composting - source separated organic waste - permit
Activity Number:	[36C03]
Active:	Yes
East Coordinate:	550015
North Coordinate:	4576852
Accuracy Code:	1 - No accuracy stated
Regulatory Status:	Permit
Waste Type:	Yard Waste
Authorization #:	3-3330-00082/00005
Authorization Date:	11/21/2012
Expiration Date:	11/21/2019
Operator Name:	Organic Recycling Inc.
Operator Type:	Not reported
Laste Date:	Not reported

Name:	ORGANIC RENEWAL LLC
Address:	ORGANIC RECYCLING; INC.
City,State,Zip:	GOSHEN, NY 10924
Flag:	ACTIVE
Region Code:	3
Phone Number:	8456517544
Owner Name:	Environmental Farms; LLC
Owner Type:	Not reported
Owner Address:	121 Route 303 Bldg #1
Owner Addr2:	Not reported
Owner City,St,Zip:	Orangeburg, NY 10962
Owner Email:	001benghoe@gmail.com
Owner Phone:	8453981012
Contact Name:	Tiju Daniel

ORGANIC RENEWAL LLC (Continued) **S121132869**

Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: tdaniel@organicrecycling.com
Contact Phone: 8453981012
Activity Desc: Composting - yard waste - permit
Activity Number: [36Y03]
Active: Yes
East Coordinate: 550015
North Coordinate: 4576852
Accuracy Code: Not reported
Regulatory Status: Permit
Waste Type: Yard Waste
Authorization #: 3-3330-00082/00005
Authorization Date: 2/25/2013
Expiration Date: 11/21/2019
Operator Name: Organic Recycling Inc.
Operator Type: Not reported
Laste Date: Not reported

NY Financial Assurance 1:
Name: ORGANIC RENEWAL LLC
Address: ORGANIC RECYCLING; INC.
City,State,Zip: GOSHEN, NY
Owner Name: Beng Hoe Ooi
Region: 3
Estimate Type: Not reported
Estimate Amount: Not reported
Estimate Date: Not reported
Mechanism: Letter of credit
Mechanism Amount: $50,000.00
Issue Date: 12/31/1998
Activity Number: 36Y03
Activity Description: Composting - yard waste - permit

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119 CLASON POINT -NYCHA **NY LTANKS S103274916**
West 1 CLASON PT LANE **NY Spills N/A**
1/4-1/2 NEW YORK CITY, NY
0.388 mi.
2047 ft.

Relative: Higher

Actual: 25 ft.

LTANKS:
Name: CLASON POINT GARDENS -NYCHA
Address: 1 CLASON PT LANE
City,State,Zip: NEW YORK CITY, NY
Spill Number/Closed Date: 9006794 / 2014-08-01
Facility ID: 9006794
Site ID: 91321
Spill Date: 1990-09-20
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: JKKANN
Referred To: Not reported
Reported to Dept: 1990-09-20

CLASON POINT -NYCHA (Continued) **S103274916**

CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1990-10-03
Spill Record Last Update:	2014-08-01
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	250 BROADWAY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	82223
DEC Memo:	"01/26/06: This spill transferred from J.Kolleeny to S.Kraszewski. One 15K tank installed in 1941 was replaced in 1995 by a new 15K tank after one recorded TTF. No other tank related spill exist on file. A 1995 ISRP denotes that 6 soil borings and 3 MWs were installed with no visual or olfactory contamination observed. Three of the four borings exhibited SVOC contamination at or above soil guidance values and two broings had VOC contamination but it was below guidance values. GW samples did not detected the presence of any TPH, VOCs or SVOCs. ISRP summary does not give depth to water or the depth of the soil borings. However, the GW apparently was not impacted at this time. It is possible that the oil could have percolated down into the GW but that it only speculation at this point. Might need follow-up inverstigation. - SK 03/22/06: This spill transferred to K.Tang - SK 6/11/09: JKann - Meeting held on 5/28 with ALC Environmental and NYCHA. Investigative Work Plan submitted on June 10, 2009. 01/28/2010: Remediation and other associated clean-up activities linked to this spill number is now under the oversight of Moses Ajoku, all correspondence related this case should be addressed to me. (MA) 7/15/13: J.Kann - spill transferred from Moses Ajoku to J.Kann. 8/1/2014: J.Kann - Reviewed 1995 ISRP. Since report was completed, the on site UST was removed and replaced. The ISRP indicated some minor SVOC impacts in soils, but no groundwater impacts. Groundwater was at 11-12 ft bgs and above bedrock, which was encountered at approximately 12-16 feet bgs. No staining, sheens or PID readings were noted during field work. Based on this information, the spill was closed."
Remarks:	"15K TANK FAILED SYSTEM TEST, HORNER EZY CHECK, VISUAL GROSS LEAK, WILL EXCAVATE, ISOLATE & RETEST, WILL REQUIRE REPAIRS."

All TTF:

Facility ID:	9006794
Spill Number:	9006794
Spill Tank Test:	1537577
Site ID:	91321
Tank Number:	001
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported

CLASON POINT -NYCHA (Continued) **S103274916**

Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	91321
Operable Unit ID:	947315
Operable Unit:	01
Material ID:	434243
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	CLASON POINT -NYCHA
Address:	1 CLASON PT LANE
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	9409132 / 1994-10-13
Facility ID:	9409132
Facility Type:	ER
DER Facility ID:	82223
Site ID:	227591
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	0301
Spill Date:	1994-10-08
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1994-10-08
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	1994-10-13
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-10-13
Spill Record Last Update:	2006-01-26
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported

CLASON POINT -NYCHA (Continued) **S103274916**

Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "COIL ON BOILER BROKE CAUSING OIL TO LEAK IN BOILER ROOM. NYCFD ON SCENE. NYCHA PUMPED OUT BOILER ROOM AND WILL PRESSURE WASH."

All TTF:
Facility ID: 9409132
Spill Number: 9409132
Spill Tank Test: 1543230
Site ID: 227591
Tank Number: Not reported
Tank Size: 0
Material: 0002
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 227591
Operable Unit ID: 1003116
Operable Unit: 01
Material ID: 378558
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 25.00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: CLASON POINT BLDG. 25 -NYCHA
Address: 1 CLASON PT LANE
City,State,Zip: NEW YORK CITY, NY
Spill Number/Closed Date: 9507093 / 1995-09-12
Facility ID: 9507093
Facility Type: ER
DER Facility ID: 82223
Site ID: 227592
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 0301
Spill Date: 1995-09-11
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1995-09-11
CID: Not reported

CLASON POINT -NYCHA (Continued) **S103274916**

Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	1995-09-12
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-09-11
Spill Record Last Update:	2006-01-26
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"GUAGE ON BOILER MALFUNCTIONED CAUSING LEAK. WINSTON CONTRACTING EN ROUTE."

All Materials:

Site ID:	227592
Operable Unit ID:	1017966
Operable Unit:	01
Material ID:	361521
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	40.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	CLASSON POINT (BLDG 25) -NYCHA
Address:	1 CLASON PT LANE
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	9802857 / 2002-08-16
Facility ID:	9802857
Facility Type:	ER
DER Facility ID:	82223
Site ID:	328863
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	0301
Spill Date:	1998-06-03
Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	1998-06-03
CID:	199
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported

CLASON POINT -NYCHA (Continued) **S103274916**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-06-03
Spill Record Last Update:	2006-01-26
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY
Spiller Company:	001
Contact Name:	LOUIS PONCE
DEC Memo:	""
Remarks:	"WHILE TAKING APART THE OLD HEATING SYSTEM, FUEL OIL STARTED TO LEAK OUT OF THE PIPES. 20 GAL LEAKED TO BASEMENT FLOOR; ALL MATERIAL RECOVERED. HOUSING AUTHORITY DID CLEANUP THEMSELVES; THEY HAVE A VACUUM TRUCK FOR THIS TYPE OF INCIDENT. "

All Materials:

Site ID:	328863
Operable Unit ID:	1063506
Operable Unit:	01
Material ID:	321176
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	20.00
Oxygenate:	Not reported

AB120 **FDNY ENGINE COMPANY 96** **NY LTANKS S104621281**
WNW **1689 STORY AVE** **NY Spills N/A**
1/4-1/2 **BRONX, NY 10473**
0.408 mi.
2156 ft. **Site 1 of 2 in cluster AB**

Relative:
Higher

Actual:
17 ft.

LTANKS:

Name:	ENGINE CO. 096/LADD. CO. 54 FDNY -DDC
Address:	1689 STORY AVENUE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9711068 / 2000-05-22
Facility ID:	9711068
Site ID:	176252
Spill Date:	1998-01-02
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	1998-01-02
CID:	312
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False

FDNY ENGINE COMPANY 96 (Continued) **S104621281**

Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1998-01-02
Spill Record Last Update:	2005-01-03
Spiller Name:	MICHAEL BYRNE
Spiller Company:	NYC DDC
Spiller Address:	30-30 THOMPSON AVE - FL 5
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	148130
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY URS GREINER INVESTIGATED SITE FOLLOWING TANK CLOSURES, FOUND MINOR SOIL CONTAM. (GASOLINE) NEAR TANKS, SOIL CONTAM. (SVOCS) NEAR DIESEL AST FILL PORT. THEY PUT IN WELLS, FOUND NO SIGNIFICANT IMPACT TO GROUNDWATER OVER SEVERAL SAMPLING EVENTS. PROPOSED NFA FOR GW AND SOIL NEAR TANKS, SOIL EXCAVATION NEAR DIESEL FILL PORT; JK APPROVED. HOWEVER, PRE-DESIGN INVESTIGATION NEAR FILL PORT FOUND NO LEACHABLE SOIL CONTAM., SO NFA WAS PROPOSED FOR THIS AREA AS WELL. JK APPROVED 5/22/00."
Remarks:	"sample results came in today - poss tank failure "

All Materials:

Site ID:	176252
Operable Unit ID:	1053942
Operable Unit:	01
Material ID:	329332
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	DATA FROM SOIL SAMPLE
Address:	1689 STORY AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	1205425 / 2015-04-07
Facility ID:	1205425
Facility Type:	ER
DER Facility ID:	422670
Site ID:	468377
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	0301
Spill Date:	2012-08-29
Investigator:	VXBREVDO
Referred To:	Not reported
Reported to Dept:	2012-08-29

FDNY ENGINE COMPANY 96 (Continued) **S104621281**

CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-08-29
Spill Record Last Update:	2015-04-07
Spiller Name:	STEVE FRANK
Spiller Company:	UNKNOWN
Spiller Address:	1689 STORY AVE
Spiller Company:	999
Contact Name:	STEVE FRANK
DEC Memo:	"10/03/12 - J. Kolleeny: On 10/2/12, I received email inquiry from Steve Frank of LiRo Engineers regarding name of DEC case manager assigned to this spill. I sent reply: Steve, Spill is listed as Unassigned in our database. I see that spill site is Engine Co. 96, and that LiRo called in spill for a contaminated soil sample. Do you have any info not included in spill rpt's Caller Remarks regarding nature and extent of contamination at this site? Why was soil sampling being conducted at this facility? Was any GW sampling performed? What types of storage tanks and petroleum products are present at site? Do you have any info that could justify closure of spill? On 10/3/12, received response from Steve Frank: Jon, DDC-BEGS [i.e., NYC Dept of Design & Construction Bureau of Envt'l & Geotechnical Svcs] was doing geotech work and asked us to sample due to an odor in soil at one of their locations. I have attached rpt we prepared for BEGS [in eDocs]. There are former USTs and ASTs heating oil and gasoline, and information is included in rpt. There was only one boring that was sampled. I believe that Afsar Samani's Manhattan/Bronx group (Marcy Asbagh & URS Corp) will follow up with your office to address spill. Rpt attached to email has results for soil sample from 3 ft below grade, showing only one VOC (naphthalene) exceeding its CP-51 SCL, with 87 mg/kg (SCL is 12 mg/kg); other VOC detections were J values in ppb range. I sent email back to Steve Frank: Steve, Thanks for info and rpt. I have one more question: I notice that boring is closest to location of removed 2,500-gal heating oil AST - do you have any idea where fill port for this tank was/is located, and whether or not any of fill piping from fill port to tank was/is underground? Steve sent reply: Jon, We do not know where fill port was or if piping was underground. Boring was in small courtyard area at back of firehouse (see attached air photo). Aerial photo uploaded to eDocs image folder. - J. Kolleeny 10/23/2012 V. Brevdo LiRo submitted Subsurface Investigation Work Plan. DEC is reviewing work plan. V. Brevdo 10/23 V. Brevdo e-mail to consultant: October 23, 2012 Dear Mr. Shanahan, Earlier this morning I did receive an auto e-mail advising me of the submission of the subsurface investigation work plan (dated October 23, 2012) to the Department. I reviewed the work plan using the project's web-site. I understand that the proposed site investigation is intended to better delineate the extent of soil contamination detected at boring B-2 and to evaluate the potential presence of an abandoned UST on the exterior of the building. To investigate the subsurface soil

FDNY ENGINE COMPANY 96 (Continued) **S104621281**

contamination at the site, URS recommends that six (6) soil borings be advanced to a depth of 10 feet bgs in the locations shown on Figure 3. The subsurface investigation work plan is hereby approved. Please advise the Department of the intended completion date of the field work and tentative date of the submission of the investigative report. Please note that the Responsible Party (RP) / site owner and its' contractors are solely responsible for safe execution of all intrusive and other work performed under the plan. In particular, the RP / site owner and its' contractors are responsible for the structural integrity of excavations, buildings, utilities, and other structures, both onsite and offsite, that may be adversely affected by these intrusive actions. The RP and its' contractors must obtain any local, state or federal permits or approvals that may be required. The RP / site owner and its' contractors are solely responsible for the implementation of health and safety measures during performance of work under the approved Plan. The Department requires five days advanced notice of any work at the site. Contact me if you have any questions regarding this matter. Respectfully, Vadim Brevdo December 3, 2012 - V. Brevdo Recevied URS's Subsurface Investigation Findings and Recommendations Report dated November 29, 2012. Reviewing report. V. Brevdo December 5, 2012 - V. Brevdo December 5, 2012 Dear Mr. Shanahan: The Department reviewed the report dated November 29, 2012 submitted by the URS on behalf of the NYCDDC. The report is regarding NYCDDC UST Program Contract PW 348-53, Engine Company 96/Ladder 54, 1689 Story Avenue, Bronx, New York, Subsurface Investigation Findings and Recommendations, Spill Number 1205425. I understand that the URS' conclusion based on site investigation information obtained to date is as follows: 1) No abandoned underground storage tanks or buried piping were identified from the geophysical survey conducted in the investigation area. Based on information in the PBS records and information provided to LiRo and URS, there is no evidence that tanks were present in this area of the site. 2) No VOCs were detected in the investigation area above SCOs (naphthalene is considered a SVOC in this discussion). 3) Based on field screening results, apparent petroleum impacted soils were encountered at geotechnical boring B-2, but not at borings SB-01 through SB-04 which surround boring B- 2. 4) Naphthalene impacted soils were detected in samples collected from borings B-2 and SB-01 at concentrations of 87,000 and 20,000 ppb, respectively, compared to the SCO of 12,000 ppb. The depth of sample collection for B-2 and SB-01 was 3 feet and 6 to 7 feet bgs, respectively. 5) Samples collected from borings SB-02, SB-03, and SB-04 did not contain naphthalene above SCOs. 6) Based on the field screening and soil sampling data collected, URS estimated the extent of naphthalene impacted soils on Figure 4. The areal extent of the naphthalene impacted soils encompasses borings B-2 and SB-01 and is approximately 20 square feet. 7) PAHs were detected above the Unrestricted Use SCOs in samples collected from borings SB-02 and SB-04. The absence of petroleum-related VOCs or naphthalene exceeding the unrestricted use SCOs in these samples suggest that the PAHs in the courtyard are most likely attributed to the fill present at the site, and not the result of a petroleum spill. I also understand that URS recommends that the following remedial activities be implemented: Limited remedial excavation of naphthalene-contaminated soils at the site. The kitchen expansion in the courtyard area is scheduled for late spring of 2013. It is anticipated that excavation and grading within the entire courtyard area will be required for construction of the new

FDNY ENGINE COMPANY 96 (Continued) **S104621281**

foundation system. Although the naphthalene impacted soils appear to be limited in areal extent and at relatively low concentrations, URS recommends excavation and off-site disposal to protect the health and safety of construction workers and maintain control of the impacted soils. URS does not recommend additional environmental investigation since the extent of naphthalene impacted soils has been delineated. The recommended excavation area measures 8 feet by 9 feet by 7 feet deep and will extend to the exterior of the building as illustrated in Figure 5. The proposed excavation would address the estimated extent of naphthalene impacted soils shown in Figure 4. An estimated total of approximately 20 cubic yards of soil will be excavated and transported off-site for disposal. After the excavation is complete, a confirmation soil sample will be collected from each side wall and from the excavation floor to document the effectiveness of remediation. The confirmation samples will be submitted for VOC and SVOC analysis using Method 8260B and 8270C. I understand that URS recommends no further action for soils containing PAHs in the northwestern portion of the courtyard since it is attributed to fill material typically found in urban areas. The Department hereby approves the remedial activities recommended by the URS. Please prepare detailed Remedial Action Work Plan and submit the work plan to the Department for review and approval. If you have questions on this matter, please contact me. Respectfully, Vadim Brevdo 01/08/2013 - V. Brevdo DDC / URS submitted Remedial Action Work Plan dated December 2013. RAWP is under review. V. Brevdo. 01/09/2013 - V. Brevdo Department approved December 2012 RAWP. RAWP approval letter sent to Afsar Samani of DDC and copy to URS: Dear Ms. Samani: The New York State Department of Environmental Conservation (the Department) has reviewed the Remedial Action Work Plan (RAWP) dated December 2012, prepared by URS Corporation on behalf of NYC Department of Design and Construction. I understand that the purpose of the work plan is to document the specific details of the proposed remediation activities including the horizontal and vertical limits of excavation, engineering controls, access to the excavation area, confirmation sampling requirements, community air monitoring plan, and other related work. The work plan proposes excavation and off-site disposal of impacted soils. The limits of excavation are shown on Figure 5 and measure eight (8) feet by nine (9) feet and seven (7) feet deep. The size of the treatment zone is approximately 72 square feet and the volume of soil to be remediated is 504 cubic feet or approximately 19 cubic yards. The remedy calls for the excavation to be backfilled immediately after collection of confirmation soil samples and removal of the excavation protection system. In the event the confirmation samples indicate exceedance of soil cleanup objectives, alternatives for additional remediation, if warranted, will be evaluated at that time and may include expanding the excavation area. Upon completion of remedial activities, URS will prepare and submit to the Department a Final Engineering Report (FER) documenting the soil remediation project. The report will be used as a basis to determine whether Spill Case No. 1205425 assigned to the project site can be closed. The FER will be prepared in accordance with the Department’s DER-10 guidance. The FER must be submitted to the Department within six weeks of completing the site remedial activities. The RAWP is hereby approved. The Responsible Party (RP) and its’ contractors are solely responsible for safe execution of all intrusive and other work performed under the plan. In particular, the RP and its’ contractors are responsible for the structural integrity

FDNY ENGINE COMPANY 96 (Continued) **S104621281**

of excavations, buildings, utilities, and other structures, both onsite and offsite, that may be adversely affected by these intrusive actions. The RP and its' contractors must obtain any local, state or federal permits or approvals that may be required. The RP and its' contractors are solely responsible for the implementation of health and safety measures during performance of work under the approved Plan. The Department requires five days advanced notice of any work at the site. If you have any questions concerning this matter, please call my office at (718) 482-4928, or email me at vxbrevdo@gw.dec.state.ny.us V. Brevdo. 04-07-2015 - V. Brevdo Spill Case Closure Decision: Engine Company 96/Ladder 54, 1689 Story Avenue, Bronx (Spill No. 1205425) The site is located at 1689 Story Avenue, Bronx and is currently operated by the New York City Fire Department (FDNY). The Engine Company 96 site is comprised of a two story masonry building with a partial basement, driveway and small courtyard area. The 43rd Police Precinct is located immediately west of the subject site. Spill case was opened in August 2012 after petroleum odors were detected in subsurface soils during a geotechnical investigation for a proposed kitchen expansion. URS previously recommended a limited soil removal actions in the area of kitchen expansion. Proposed soil removal was to address low-level naphthalene impacted soils. However, in correspondence provided by the FDNY dated January 29, 2015, URS learned that the kitchen expansion project in the courtyard area was cancelled. Therefore, URS is requesting spill case closure based on the findings from the investigations completed at the site and an assessment of the closure criteria. URS submitted request to close spill case on April 1, 2015. The Department s database identifies two previous spills reported at the site that have both been closed. Spill number 9711968 was associated with a gas tank failure. The two tanks were reported to have been closed in place in 1997. Spill case 9711968 was closed in May of 2000. Spill case 007747 was No. 2 fuel oil spill with an unknown cause that was reported in October 2008. This spill case was closed in November 2011. The tank was removed in April of 2012. Three rounds of investigation were conducted in August, October and November of 2012. Based on the site history, results from the subsurface investigations, and correspondence with FDNY, URS assessed spill closure criteria and made a determination that sufficient evidence exists to support a recommendation to close Spill Case No. 1205425. No source of contamination existed in the area of the spill. No evidence exists of grossly contaminated soil at this site. No groundwater was detected during previous soil excavation activities. The groundwater table is believed to be ten (10) feet below ground surface. There is no evidence of free product at the site. Residual soil contamination is minimal and does not warrant remedial action. Naphthalene detected in one soil sample is marginally above Recommended Soil Cleanup Objective (RSCO) but of the same order of magnitude as RSCO level. The total area of naphthalene impacted area is approximately 20 square feet and at the depth of six (6) to seven (7) feet. Presence of PAHs in the courtyard at levels exceeding RSCOs but of the same order of magnitude as RSCOs is attributed to the ubiquitous urban fill present at the site, and not the result of a petroleum spill. Based on the lack of VOCs in the soil and the absence of structures over this part of the site, the potential for vapor intrusion is very low to none. Based on the fact that the entire area is supplied with public water, and the fact that residual soil impacts are minimal and not migrating off-site, the site poses

FDNY ENGINE COMPANY 96 (Continued) **S104621281**

no known threat to human health and the environment. The Department evaluated merits of URS recommendation for closing the spill case and concurred that the closure of this spill case is appropriate at this time. Spill Case is closed effective April 7, 2015. VB"

Remarks: "Soil Sample. Engine company 96 is the name of the site"

All Materials:

Site ID:	468377
Operable Unit ID:	1218298
Operable Unit:	01
Material ID:	2216673
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	FDNY ENGINE COMPANY 96
Address:	1689 STORY AVE
City,State,Zip:	BRONX, NY 10473
Spill Number/Closed Date:	0807747 / 2011-11-17
Facility ID:	0807747
Facility Type:	ER
DER Facility ID:	354357
Site ID:	405107
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	0301
Spill Date:	2008-10-09
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2008-10-09
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2008-10-09
Spill Record Last Update:	2011-11-17
Spiller Name:	Not reported
Spiller Company:	FDNY
Spiller Address:	1689 STORY AVE
Spiller Company:	999
Contact Name:	BILL KLEIN
DEC Memo:	"Sangesland spoke to Bill Klein of Franklin company. They are digging out contaminated soil and will contact Ryan Piper when they are done. 9/11/09- DECPiper- left message for bill klien for closure report. 05-19-2010- DECPiper- left message for bill klien for closure report.

FDNY ENGINE COMPANY 96 (Continued) **S104621281**

11/17/2011- Bill Klein will send report. fill port dugout and replaced along with cont soil. Spill closed. "

Remarks: "CALLER STATES THAT THEY DIGGING UP A FILL PORT CONNECTION AROUND A 4000 GALLON TANK AND DISCOVERED CONTAMINATED SOIL. CLEAN UP IS IN PROGRESS."

All Materials:

Site ID:	405107
Operable Unit ID:	1161745
Operable Unit:	01
Material ID:	2152949
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AB121 **43 PRECINCT NYC POLICE DEPARTMENT** **NY LTANKS** **S100177591**
WNW **900 FTELEY AVE** **N/A**
1/4-1/2 **BRONX, NY 10473**
0.438 mi.
2314 ft. **Site 2 of 2 in cluster AB**

Relative: **Higher**

Actual: **17 ft.**

LTANKS:

Name:	43 PRECINCT NYPD -DDC
Address:	900 FTELEY AV
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0201590 / 2002-05-15
Facility ID:	0201590
Site ID:	238883
Spill Date:	2002-05-13
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	2002-05-13
CID:	365
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2002-05-13
Spill Record Last Update:	2005-01-03
Spiller Name:	SGT TUSSO
Spiller Company:	43RD POLICE PRECINCT
Spiller Address:	900 FTELEY AV
Spiller County:	001
Spiller Contact:	SGT TUSSO

43 PRECINCT NYC POLICE DEPARTMENT (Continued) **S100177591**

Spiller Phone:	(718) 476-7524
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	196612
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD Motor fuel. Leaking flexible connector. Replacing connector. No release to environment."
Remarks:	""

All TTF:

Facility ID:	0201590
Spill Number:	0201590
Spill Tank Test:	1527123
Site ID:	238883
Tank Number:	1
Tank Size:	4000
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	238883
Operable Unit ID:	854808
Operable Unit:	01
Material ID:	523003
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	43 PRECINCT NYC POLICE DEPARTMENT
Address:	900 FTELEY AVE
City,State,Zip:	BRONX, NY 10473
Spill Number/Closed Date:	0012949 / 2010-01-06
Facility ID:	0012949
Site ID:	272894
Spill Date:	2001-03-09
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	RVKETANI
Referred To:	Not reported

43 PRECINCT NYC POLICE DEPARTMENT (Continued) **S100177591**

Reported to Dept:	2001-03-09
CID:	389
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-03-09
Spill Record Last Update:	2010-01-06
Spiller Name:	BLDG MAINT SECTION
Spiller Company:	43 PRECINCT NYC POLICE DEPARTMENT
Spiller Address:	900 FTELEY AVE
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	222076
DEC Memo:	"Transferred to Albany for Spills Closure Intiative 10/2/09 - Austin - Spill transferred from Albany staff to Ketani, for further investigation - end 10/27/09 - Raphael Ketani. The spill took place on 3/9/01. The #2 UST failed the tightness test, but there was no leak. The site is the 43rd Precinct of the NYC Police Department. The location is 900 Fteley Avenue, Bronx. There are no alternate addresses. The block and lot are 3660 and 3. The building was constructed in 1978. It was sold to Tau Homes Inc., 1937 Williamsbridge Road, Bronx. The sale was filed 5/4/66. The PBS case is #2-217352. There were four USTs. UST #2 was 3000 gals. and used to contain #2 oil. It was tested on 3/14/01 and removed on 12/13/01. UST #3 was 1500 gals. and used to contain diesel fuel. It was never tested, but it was removed on 2/14/02. The contact is the NYC Police Department, Building Maintenance Section, 59-06 Laurel Hill Blvd., Woodside, NY, 11377. The phone number is (718) 476-7575/7576. There have been no tank inspections. The registration expires in 2012. There are no E-docs, nor a paper file. 10/28/09 - Raphael Ketani. I called up the Building Maintenance Section and reached one of the employees. He directed me to Richard Robbins, Chief Architect for the NYC Police Department (718) 476-8799. I left a message for Mr. Robbins. 11/25/09 - Raphael Ketani. I visited the 43 Precinct today. I spoke to one of the building management people at the site. I asked him whether he knew anything about the tank test failure that took place on 3/9/01. He said that he wasn't here in 2001 and no one else presently at the precinct was here at that time, either. He showed me the location of the two tanks that were present. He said that, as far as he knew, the two older tanks were replaced with these tanks. He also wasn't aware whether there had been any soil contamination. He told me to speak to someone at One Police Plaza regarding the old tanks. I returned to the office and tried to contact Mr. Robbins again, but could only leave a message. 11/30/09 - Raphael Ketani. I contacted Mr. Robbins. He said that he will look for documentation regarding the removal of the tanks and the inspection of the tank graves for any spillage. He asked what should happen if he can't find any documentation. I told him that, in such a case, a new investigation will then be needed. Mr. Robbins FAXed me manifests, an affidavit, a diagram and other documentation, but it was for a site

43 PRECINCT NYC POLICE DEPARTMENT (Continued) **S100177591**

at the Street Crimes Unit at 8 Randalls Island, NY. Mr. Robbins suggested I contact Harvey Roberts (718) 786-3838 at O'Brien Kreitzberg & Associates, and Julie Dreizen at the NYPD. I contacted Julie Dreizen (718) 391-1503 and she said that she will look for any pertinent documents in the archive, but it may take a while. I contacted Mr. Roberts and he referred me to Jane Staten of URS in Buffalo (716) 923-1152. Ms. Staten referred me to John Prios (pry-ous) at LiRo Engineering (516) 214-8107, as they did the tank work. I tried to contact Mr. Prios, but could only leave a message. 12/1/09 - Raphael Ketani. Mr. Prios called me back. He said that LiRo was not involved in the site remediation. He said that he will contact Ms. Samani of DDC in order to find out who was involved in cleaning up the spill. Ms. Afsar Samani of the DDC (718) 391-1064 called me regarding the site. She said that she didn't know of any information regarding the tank removals and remediation. However, she will check her records. Mr. Robbins sent me a FAX containing the documentation for the remediation of the failed 3,000 gal. #2 oil UST. There was a diagram showing where the tank had been, where end point samples had been taken, the results for the end point soil samples, and soil manifests. There was no documentation for the 1,500 gal. diesel UST. Except, one diagram showing the position of the tank and that it was closed in place. I reviewed the soil end point sample results. They show that the remaining contamination was minimal, largely non-detect for VOCs and SVOCs, or consisting of very low hits. I tried to contact Mr. Robbins (718) 476-8799 about the 1,500 gal. diesel tank, but I could only leave a message. 12/2/09 - Raphael Ketani. I tried to contact Mr. Robbins, but could only leave a message. 1/5/10 - Raphael Ketani. Afsar Samani, Director of a bureau in the NYC DDC which deals with construction activity at the precincts, sent me an e-mail containing the Site Assessment Reports for both the 3,000 gal. UST and the 1,500 gal. UST (see E-docs). 1/6/10 - Raphael Ketani. I reviewed the Site Assessment Reports for both tanks. The SAR for the 3,000 gal. tank was dated 1/22/02. The SAR for the 1,500 gal. tank was dated 5/1/02. In all instances, the soil analytical data indicated that the remaining contamination was either at or below TAGM. The 3,000 gal. tank was removed and the 1,500 gal. tank was closed in place. As the end point soil anaytical results from the 2002 SAR reports indicated that the remaining contamination was at or below TAGM limits, and as the 3,000 gal. UST was removed and the 1,500 gal. UST was closed in place, it was determined that there is no threat to the public or the environment. Therefore, the spill case has been closed."

Remarks: "CALLER REPORTING A FAILED TANK TEST NO SPILLAGE"

All TTF:

Facility ID:	0012949
Spill Number:	0012949
Spill Tank Test:	1526135
Site ID:	272894
Tank Number:	3
Tank Size:	1500
Material:	0008
EPA UST:	True
UST:	True
Cause:	03
Source:	01
Test Method:	03
Test Method 2:	Horner EZ Check I or II

43 PRECINCT NYC POLICE DEPARTMENT (Continued) **S100177591**

Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	RVKETANI
Last Modified Date:	Not reported
Facility ID:	0012949
Spill Number:	0012949
Spill Tank Test:	1526136
Site ID:	272894
Tank Number:	2
Tank Size:	3000
Material:	0001
EPA UST:	False
UST:	True
Cause:	03
Source:	01
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	RVKETANI
Last Modified Date:	Not reported

All Materials:

Site ID:	272894
Operable Unit ID:	834490
Operable Unit:	01
Material ID:	568888
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported
Name:	43 PRECINCT NYPD -DDC
Address:	900 FTELEY AVENUE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9111758 / 2005-06-23
Facility ID:	9111758
Site ID:	272895
Spill Date:	1992-02-14
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	A3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	AIIslam
Referred To:	Not reported
Reported to Dept:	1992-02-14
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Police Department
Last Inspection:	Not reported

43 PRECINCT NYC POLICE DEPARTMENT (Continued) **S100177591**

Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1992-02-20
Spill Record Last Update:	2005-06-23
Spiller Name:	Not reported
Spiller Company:	43RD POLICE PRECINCT
Spiller Address:	900 FTELEY AVE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	270709
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY TRANSFERRED FROM Y.KRIMGOLD TO KOLLEENY TO I. ISLAM. 4/25/05- The site is under remediation by O'Brien-Kreitzberg (OBK). Reviewed the quarterly report (Oct./04-Dec./04). The groundwater sampling from 3 existing monitoring wells exhibit constantly decrasing trend of VOC contaminat levels but still minor exceedances are observed for one or two items. Quarterly monitoring of the wells to continue.- II 6/23/05- Reviewed the Jan-Mar./05 monitoring report in which NFA has been requested for the site based on the compliances of all wells monitoring data. Well GEW-1 was under compliance for one sampling event only. Spoke to Jane Staten of URS Corp. She confirmed that May/05 sampling data for well GEW-1 is also under compliance. As such, requested NFA is approved and the spill is closed.- II"
Remarks:	"E I & R. Also see spill # 9213315."

All TTF:

Facility ID:	9111758
Spill Number:	9111758
Spill Tank Test:	1539623
Site ID:	272895
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	272895
Operable Unit ID:	962042
Operable Unit:	01
Material ID:	416775
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported

43 PRECINCT NYC POLICE DEPARTMENT (Continued) **S100177591**

Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

Name:	43 PRECINCT NYPD -DDC
Address:	900 FTELEY AVE.
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9213315 / 2003-10-31
Facility ID:	9213315
Site ID:	107907
Spill Date:	1993-03-02
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	1993-03-02
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1993-03-03
Spill Record Last Update:	2005-01-26
Spiller Name:	Not reported
Spiller Company:	NYC PD-43RD PRECINT
Spiller Address:	900 FTELEY AVE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	94864
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD "
Remarks:	"UNK. Same spill as 9111758."

All TTF:

Facility ID:	9213315
Spill Number:	9213315
Spill Tank Test:	1541225
Site ID:	107907
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00

43 PRECINCT NYC POLICE DEPARTMENT (Continued) **S100177591**

Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 107907
Operable Unit ID: 977592
Operable Unit: 01
Material ID: 403111
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

AC122 **CLASON PT GARDENS** **NY LTANKS S104073474**
West **78 CLASON PT LANE** **NY Spills N/A**
1/4-1/2 **BRONX, NY**
0.442 mi.
2332 ft. **Site 1 of 2 in cluster AC**

Relative:
Higher

Actual:
18 ft.

LTANKS:
Name: CLASON PT GARDENS
Address: 78 CLASON PT LANE
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 9007011 / 1995-04-25
Facility ID: 9007011
Site ID: 234923
Spill Date: 1990-09-26
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: 1995-04-25
SWIS: 0301
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1990-09-26
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1990-10-03
Spill Record Last Update: 1995-04-25
Spiller Name: Not reported
Spiller Company: NYCHA
Spiller Address: Not reported
Spiller County: 001

CLASON PT GARDENS (Continued) **S104073474**

Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	193506
DEC Memo:	""
Remarks:	"15K TANK FAILED HORNER EZY CHECK, VISUAL LEAK, TO BE REPAIRED & RETESTED. SEE SPILL # 9112367"

All TTF:

Facility ID:	9007011
Spill Number:	9007011
Spill Tank Test:	1537600
Site ID:	234923
Tank Number:	001
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	234923
Operable Unit ID:	947537
Operable Unit:	01
Material ID:	434441
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Name:	CLASON PT GARDENS -NYCHA
Address:	78 CLASON PT LANE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9112367 / 2014-07-31
Facility ID:	9112367
Site ID:	234924
Spill Date:	1992-03-04
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	JKKANN
Referred To:	Not reported

CLASON PT GARDENS (Continued) **S104073474**

Reported to Dept:	1992-03-04
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1992-03-11
Spill Record Last Update:	2014-07-31
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	193506
DEC Memo:	"01/18/06: This spill transferred from J.Kolleeny to S.Kraszewski. A 15K tank was replaced by another 15K tank in 1995 and no contamination was noticed despite the fact the tank had at least one TTF. A ISRP from 1995 noted some isloated contamination in one boring, with high levels of some SVOCs. Two other wells detected both VOCS and SVOCs but none above guidance levels. Four MWs were installed and GW samples were taken but none exhibited detectable petroleum compounds. NYCHA suggested no further action but DEC wanted one more round of GW samples a year after the ISRP. In 1996, three additional GW samples were taken and none contained any contamination. Any residual contamination still remains in the soil but doesn't seem to be migrating to GW. - SK 03/23/06: Reviewed the 1995 ISRP and follow-up round of GW samples in 1996. Both samplings show no detectable VOCs or SVOCs in GW for any of the four MWs. Soil samples from the ISRP show exceedences for SVOCs: Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene. However, the concentrations are marginally above RSCOs, with no concentrations exceeding 1000 ppb. Recommend NFA. - SK 02/09/07 - J.Kann - Spill reassigned from S.Kraszewski to J.Kann. 6/11/09: JKann - Meeting held on 5/28 with ALC Environmental and NYCHA. Investigative Work Plan submitted on June 10, 2009. 01/28/2010: Remediation and other associated clean-up activities linked to this spill number is now under the oversight of Moses Ajoku, all correspondence related this case should be addressed to me. (MA) 07/16/13 - Spill Case is transferred from Moses Ajoku (PBS Unit) to Jennifer Kann (Spill Prevention and Response) as per DER Region 2 decision - Tank Test Failure Spill Case - NYCHA. VB 07/31/14: J.Kann - reviewed file and ISRP for the referenced site. Based on the review, concur with SK's proposal for NFA on 3/23/06. Spill closed. No additional investigative work necessary. "
Remarks:	"FURTHER ACTION UNKNOWN."

All TTF:

Facility ID:	9112367
Spill Number:	9112367
Spill Tank Test:	1539691
Site ID:	234924
Tank Number:	001

CLASON PT GARDENS (Continued) **S104073474**

Tank Size:	0
Material:	0066A
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	234924
Operable Unit ID:	962696
Operable Unit:	01
Material ID:	417344
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	CLASON POINT -NYCHA
Address:	78 CLASON PT LANE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9406232 / 1994-08-26
Facility ID:	9406232
Facility Type:	ER
DER Facility ID:	193506
Site ID:	92359
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C3
SWIS:	0301
Spill Date:	1994-08-08
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1994-08-08
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	1994-08-26
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-08-08

CLASON PT GARDENS (Continued) **S104073474**

Spill Record Last Update:	2006-01-18
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"SPILLED ON DRIVER AND PAVEMENT - CONTAINED ON PAVEMENT. NYCHA DOING CLEANUP."

All TTF:

Facility ID:	9406232
Spill Number:	9406232
Spill Tank Test:	1543020
Site ID:	92359
Tank Number:	Not reported
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	92359
Operable Unit ID:	1000384
Operable Unit:	01
Material ID:	379282
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	30.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	CLASON POINT (BLDG 18) -NYCHA
Address:	78 CLASON PT LANE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9710618 / 2002-07-18
Facility ID:	9710618
Facility Type:	ER
DER Facility ID:	193506
Site ID:	92360
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	0301
Spill Date:	1997-12-16

CLASON PT GARDENS (Continued) **S104073474**

Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	1997-12-17
CID:	311
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-12-17
Spill Record Last Update:	2006-01-18
Spiller Name:	THOMAS PERTO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY 16TH FLOOR
Spiller Company:	001
Contact Name:	CALLER
DEC Memo:	""
Remarks:	"caller states a feeder line failed causing the leak."

All Materials:

Site ID:	92360
Operable Unit ID:	1056979
Operable Unit:	01
Material ID:	328908
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	75.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	CLASON POINT GARDENS
Address:	78 CLASON PT LANE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9511993 / 1995-12-27
Facility ID:	9511993
Facility Type:	ER
DER Facility ID:	193506
Site ID:	234925
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	0301
Spill Date:	1995-12-22
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1995-12-22
CID:	322
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Affected Persons

CLASON PT GARDENS (Continued) **S104073474**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-12-22
Spill Record Last Update:	1998-06-19
Spiller Name:	FRANK OCELLO - NYCHA
Spiller Company:	OIL VENDER
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	MR. RICHARDS
DEC Memo:	""
Remarks:	"portable tank was overfilled - spill contained and picked up"

All Materials:

Site ID:	234925
Operable Unit ID:	1022674
Operable Unit:	01
Material ID:	359314
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	8.00
Units:	G
Recovered:	8.00
Oxygenate:	Not reported

123
NE
1/4-1/2
0.445 mi.
2347 ft.

STELLAR 2020 LLC **NY LTANKS** **U001832660**
2040 BRUCKNER BLVD **NY UST** **N/A**
BRONX, NY 10473

Relative:
Higher

Actual:
19 ft.

LTANKS:

Name:	BOULEVARD TOWERS
Address:	2040 BRUCKNER BLVD
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0500903 / 2013-04-30
Facility ID:	0500903
Site ID:	344003
Spill Date:	2005-04-21
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	VXBREVDO
Referred To:	REMEDIATION COMPLETED
Reported to Dept:	2005-04-21
CID:	409
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False

STELLAR 2020 LLC (Continued) **U001832660**

Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-04-21
Spill Record Last Update:	2013-04-30
Spiller Name:	ANTOINE, ANTIL
Spiller Company:	BOULAVARD TOWERS
Spiller Address:	2040 BRUCKNER BOULAVARD
Spiller County:	001
Spiller Contact:	ANTOINE, ANTIL
Spiller Phone:	(347) 728-4012
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	290613
DEC Memo:	"PBS for this site is expired - PBS #2-115452 expired on 5/7/02 Old management company said that the new management company is: Arco Management 845-368-2400 Sangesland has been unable to find a contact name or address to send a TTF letter. A message has been left with Arco at this number requesting a callback. 6/9/05 - Austin - Transferred from Sawyer to Rahman, for review of 6/9/05 submission from SNS Energy Distribution - end 10.05.05 SR// Rec'd a letter saying SNS is going to uncover the tank on 10.11.05. 11.21.05 SR// Sharif and Mr. Piper(DEC Spill) responded to the site after I got a call from one lady Ms. Deborah,(718)828-0977 about whats going there. The tank was removed and the excavated big hole was open for placement of a new tank. The bottom of the excavation looked dirty, minor product floating on the perched water at north west side. Complete delineation of soil and ground water is recommended before backfilling and reinstallment of the new tank. 12/20/05 Sharif- Case was transferred to Koon Tang for reassignment. 2/15/06 - Miss Collins, living in 2010 Bruckner Blvd called, requesting soil test results. Her # is 718-828-0977. Review case file with limited information. One of the reports found free product on the water table. No indication of any soil sample or GW sample. New management company, Stella Management (Edwardo), 718-792-1211 3/16/2006: Spoke with Stuart Schwartz of SNS Energy Distribution Corp(cell 631-926-2196). Received fax with tank closure report. Reviewed tank closure report dated 3/3/2006, prepared by Associated Environmental Services. A 35,000 gallon fuel oil UST was removed on October 11, 2005. Groundwater was 8 ft below grade. There was evidence of deterioration such as holes and pitting noted in the tank. 957.49 tons of contaminated soil was excavated. Six endpoint samples were collected. No VOCs were detected, but SVOCs were detected in all samples. No gw sample were taken but soil and groundwater contamination were noted during the closure activites . Sent an additional delineation required letter to Stellar Management. 3/23/06: Letter returned to sender. Resent letter. 5/18/06: Geoprobe sampling began today. 6/21/06: Called Stuart Schwartz's of SNS Energy and spoke to his secretary, he is out of the office. 8/3/06: Received phase 2 report. Seventeen Geoprobe borings performed and product found in all of them. Six recovery wells were proposed and approved. A seventh well, additional delineation, and quarterly reports also required. Wells will be pumped with a vac truck weekly until product less than 1/4 inch, when a skimmers will be used. Implementation required by 10/06/06. 9/18/06: Received RAP addendum stating that an additional recovery well in the area of B-9 and B-10 will be installed, additional delineation, and quarterly update reports will

STELLAR 2020 LLC (Continued) **U001832660**

be prepared. Addendum approved. Field activities tentatively planned on 9/26/06. 1/2/07: Stuart Schwartz (office 631-691-1700). Called and he was in a meeting. 1/3/07: Spoke to Stuart Schwartz. He will check on site status and return call. 1/18/07: Spoke to Matt at Associated Env. (631-767-9098). Wells were not installed because drill rig broke. He will call with new mobilization date. Product recovery will begin following delineation. Received phone call from Ken Zucker (718-208-8151) regarding site status, tried to return call but the number was disconnected. 3/1/07: Left message with Stuart Schwartz' secretary to followup on delineation and recovery. 3/13/07: Received phone message from Matt indicating that wells will be installed tomorrow. 5/2/07: Spoke to Matt. Wells were not installed becaused landscaping caving in - is being repacked. Will remobilize in two weeks to install wells. Will call when drilling date is scheduled. 5/24/07: Left phone message for Matt to followup on well installation and recovery. 5/29/07: Received phone message from Matt of Associated Env. Delineation was completed. The report is in the mail. 6/29/07: Spoke to Matt. Report will be submitted next week. 7/26/07: Sent letter requiring an eighth recovery well, and quarterly reporting. (sns51749@cs.com) 8/10/07: Received fax indicating that well installation, product recovery will occur on 8/15/07.

---------- 10/31/07: Reassigned from Sarah Carlson to Chanda. 11/28/07: Chanda sent an email to Stuart Schwartz, SNS Energy Distribution Corporation: I would like to inform you that I am the project manager for the above referenced site. The New York State Department of Environmental Conservation (the Department) records show that the Department mailed a letter to you on 7/25/07 with the following requirements; * An eight (8) recovery well installation report summarizing the findings of the subsurface investigation including boring logs, well installation logs, sample analyticals, site plan, conclusions and recommendations. * Quarterly update reports with groundwater gauging and product recovery results. Please submit both electronic and paper copies of reports and email to me the current site status as soon as possible. If you have any questions concerning this matter, please call my office at (718) 482-8062. 4/17/08: Chanda called Mr. Stuart Schwartz, SNS Energy, regarding the well installation report and groundwater gauging and product recovery results for this site. His office personnel stated that he will call to DEC as soon as possible. Chanda sent an email to Stuart, requiring that well installation report and GW gauging and product recovery results must be submitted to DEC as soon as possible but no later than 4/30/08. 5/2/08: 5/2/08: Chanda called Stellar Management (Edwardo), 718-792-1211 Ext. 11 regarding the update information for this spill project. He stated that his company bought this property in December 2005 and this spill was opened in April 2005. Chanda stated that your company is the current owner and your company bought the property with bought the problems. Chanda asks that the name of the responsible party for this spill site. Mr. Edwardo stated that Director of Operations, Ms. Stacey Ruggeri, (Ph. 212-406-0030)is the responsible person for a spill site for this company. 5/7/08: Chanda received a phone call from Stellar Management, Director of Operation (Ms. Stacey Ruggeri) regarding this site. She stated that her company is the current owner for the address site. She is the responsible party for this spill site. Ms. Stacey Ruggeri Director of Operation Stellar Management 156 William Street, 10th Floor New York, NY 10038 Ph: 212-624-6703 Ph.

STELLAR 2020 LLC (Continued) **U001832660**

212-406-0030 email: sruggeri@stellarmanagement.com 5/8/08: Chanda sent a reminder letter (email) to Ms. Stacey Ruggeri and copy to her consultant requiring that a Recovery Well Installation Report be submitted to DEC by 6/9/08 for review and approval. 6/3/08: Chanda received a phone call from John, (631-234-4280), Associated Environmental regarding this spill site. He stated that he will send the well installation report and groundwater update report to DEC as soon as possible. 7/11/08: Chanda received a Supplemental Phase II Remedial Investigation Report dated March 2008, prepared by Associated Environmental Services, Ltd. (see eDocs) 7/14/08: Chanda has reviewed the Supplemental Phase II Remedial Investigation Report and has the following: -The subject building has historically a fuel oil (#6) fired heating system. The fuel oil was previously stored in one steel 35,000-gallon UST. -The UST was removed from the site and closure activities were conducted on October 11, 2005. -During the tank closer activities, contaminated soil and groundwater as well as free phase product were encountered. A total of 957.49 tons of contaminated soil was excavated and transported off-site for disposal. - A 20,000 gallon double-wall steel encased with fiber glass UST was placed in the excavation area for storage of fuel oil. -The site is improved with a multiple story residential apartment building. -In September 2007, Seven (7) four-inch monitoring/recovery wells were installed at the subject site (MW-1 through MW-7). -MW-1, MW-2, MW-4 and MW-6 were found to contain free product with MW-3 and MW-5 indicating a sheen. No evidence of a sheen or product was noted in MW-7. -All wells were developed during the initial free phase recovery event. - A total of 434 gallons of oil/water was removed from the wells on September 27, 2007, 620-gallon on October 4, 2007. 401 gallons on November 6,2007, 385 gallons on November13, 2007. -The first round of groundwater sampling was conducted on February 1, 2008. Groundwater samples were collected from monitoring wells MW-1, MW-3 and MW-5. - The analytical results for the groundwater sample indicated that there were no contaminations detected in MW-I and MW-5. Groundwater results from MW-3 indicated several SVOCs above the NYSDEC guidance values. -Based upon the results of the Supplemental Phase II Remedial Investigation the consultant (AES) recommended that the product be bailed out from the wells on a monthly basis. 7/16/08: Chanda sent a letter to RP and her consultant (AES and SNS) requiring that the next Quarterly Site Status Report be submitted to the Department by September 15, 2008 for review. 09/17/2012 V. Brevdo Received telephone message from [Kathina Vazquez](212-843-3783) of Stellar Management regarding this project. Returned call, left message that the site has unergone some remediation, free product removal and monitoring, and that there was no communication between Stellar and DEC since 2008. Stated that I would like to use this momentum to move project forward and, hopefully, bring it to a spill closure status. Requested to give me a call and provided my phone number. V. Brevdo 02/11/2013 - E-mail to consultant for Steller Management David Chan Riteway Tank Maintenance Corp. 700 Hicks Street Brooklyn, NY 11231 718-855-7272 phone 718-855-7244 fax david@petroleumtek.com Dear Mr. Chan: As per discussion earlier today of the subject project, Spill No. 0500903, the main criteria the Department is evaluating when making a spill closure decision are as follows: * free product must be removed, * grossly contaminated soil with visible staining must be removed, * source of contamination must be removed, * concentrations of contaminants in soil and groundwater are either at the levels of cleanup guidance values or higher but

STELLAR 2020 LLC (Continued) **U001832660**

within acceptable range to DEC, * no migration of contaminant off site occurs, * remaining contamination is contained, * no threat of exposure to vapors from remaining contamination exists, and * site poses no further threat to human health and environment. We also use engineering controls such as vapor barriers and SSDS system where necessary. These criteria will have to be addressed in the Remedial Action Report / Spill Closure Report when spill closure request is submitted to the Department. Please contact me if you have questions. Sincerely, Vadim Brevdo April 4, 2013 V. Brevdo E-mail and letter requesting spill closure from Mr. Chan of Riteway Tank Maintenance requesting spill closure. Letter does not contain sufficient rationale supporting merits of spill closure. Dear Vadim, The owners of the building apparently had a fallout with the previous contractor and has been unable to get additional information other than the attached report. We've performed more sampling (see attached) showing good results. Please let us know what else we can do and we will attempt to retrieve any additional information. Thank you in advance. David Chan Riteway Tank Maintenance Corp. 700 Hicks Street Brooklyn, NY 11231 718-855-7272 phone 718-855-7244 fax david@petroleumtek.com April 5, 2013 - V. Brevdo Replied to MR. Chan's e-mail and spill closure request letter via e-mail as follows: April 5, 2013 Dear Mr. Chan: This is in response to you April 4, 2013 e-mail and letter dated April 3, 2013 in which you are requesting closure of the subject spill case on behalf of Stellar Management. In my February 11, 2013 e-mail to you I have provided you with the spill closure criteria that must be met to close the spill case. You April 4, 2013 letter merely states that groundwater sampling results were within the respective laboratory analytical method detection limit and/or the respective guidance values. You letter does not address any of the spill closure criteria which I provided to you. If you are requesting closure of this spill case as an environmental consultant on behalf of Stellar Management, please submit a letter requesting closure which would address each of 8 spill closure criteria in my 2/11 e-mail to you, explain how these criteria are met and why it is appropriate to close the spill case. The Department will not close spill case until such explanation and rationale for spill closure are submitted. When letter requesting spill closure containing rationale for spill closure and addressing spill closure criteria is submitted, the Department will review request and make a decision whether spill closure is appropriate. My February 11, 2013 e-mail to you is attached. If you have questions, please contact me. Sincerely, Vadim Brevdo 04/30/2013 V. Brevdo Spill Closure Supporting Rationale Review of the project related documents reveals that the closure of this spill case is appropriate based on the following: Free product has been removed. 1,840 gallons of free product was removed from the wells from September through November 2008. 5 wells rested revealed that the results were within the respective laboratory anylytical method detection limit and/or the respective NYSDEC guidance values. No free product was present during investigation. Package A contains a correspondence letter from the NYSDEC acknowledging the removal of 1,840 gallons of fuel and groundwater. Grossly contaminated soil has been removed 957.49 tons of impacted soil was removed. Supporting documentation is in package B containing the original (previously submitted) Tank Closure Report and page 4 (previously submitted) Phase II Remedial Investigaiton Report indicating the removal of 957.49 tons of impacted soil. Source of contamination has been removed The former 35,000 gallon tank was the source of

STELLAR 2020 LLC (Continued) **U001832660**

contamination, which was removed. Supporting documentation package B containing original Tank Closure Report. Concentrations of residual contaminants in soil and groundwater are either at the levels of cleanup guidance values or higher but within the range acceptable to the Department. Supporting documents are in package C containing original (pages 7-17) Phase II Remedial Investigation Report, indicating that the soil and groundwater are within the acceptable range. Some elevated levels of SVOCs were found but they are likely attributed to fill material on the site. No MTBE were detected . No migration of contaminant off site occurs and remaining contamination is contained. Consultant s professional opinion is that no migration of contaminant off site occurs and the remaining contaminant is contained. Monitoring wells do not show contamination in groundwater. No threat of exposure to vapors from remaining contamination exists, and site poses no further threat to human health and the environment. Riteway Tank Maintenance obtained soil from the well areas for PID screening, visual and olfactory inspection. Consultant s opinion the site no longer poses further threat, including threat of exposure. Current consultant for RP, Riteway Tank Maintenance requested spill closure. Department agrees that this spill case shall be closed. Spill Case closed effective April 30, 2013. V. Brevdo "

Remarks: "RECOMMEN UNCOVER REPAIR AND RETEST"

All TTF:

Facility ID:	0500903
Spill Number:	0500903
Spill Tank Test:	1548830
Site ID:	344003
Tank Number:	1
Tank Size:	25000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	99
Test Method 2:	Alternate Test per former 613.5(a)(2)(v)
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	344003
Operable Unit ID:	1102659
Operable Unit:	01
Material ID:	582880
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

STELLAR 2020 LLC (Continued) **U001832660**

UST:

Name:	STELLAR 2020 LLC
Address:	2040 BRUCKNER BLVD
City,State,Zip:	BRONX, NY 10473
Id/Status:	2-115452 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	07/06/2020
UTM X:	596605.21418
UTM Y:	4520084.22467
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	3829
Affiliation Type:	Facility Operator
Company Name:	STELLAR 2020 LLC
Contact Type:	Not reported
Contact Name:	CALIXTO PALACIOS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 865-0824
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-06-30

Site Id:	3829
Affiliation Type:	Emergency Contact
Company Name:	STELLAR 2020 LLC C/O STELLAR MGMT
Contact Type:	Not reported
Contact Name:	EDUARDO JIMENEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 672-3064
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2010-05-07

Site Id:	3829
Affiliation Type:	Facility Owner
Company Name:	STELLAR 2020 LLC
Contact Type:	PERMIT COORDINATOR
Contact Name:	KATINA V. VAZQUEZ
Address1:	156 WILLIAM ST.
Address2:	Not reported
City:	NEW YORK
State:	NY

STELLAR 2020 LLC (Continued) **U001832660**

Zip Code:	10038
Country Code:	001
Phone:	(212) 843-3783
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-06-30

Site Id:	3829
Affiliation Type:	Mail Contact
Company Name:	STELLAR MANAGEMENT
Contact Type:	Not reported
Contact Name:	KATINA V. VAZQUEZ
Address1:	156 WILLIAM STREET
Address2:	10TH FL
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 843-3783
EMail:	KVAZQUEZ@STELLARMANAGEMENT.COM
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-06-30

Tank Info:

Tank Number:	001
Tank ID:	5048
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	35000
Install Date:	11/01/1961
Date Tank Closed:	10/11/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
G00 - Tank Secondary Containment - None
C03 - Pipe Location - Aboveground/Underground Combination
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None

STELLAR 2020 LLC (Continued) **U001832660**

F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
J00 - Dispenser - None

Tank Number:	02
Tank ID:	212047
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	25500
Install Date:	07/06/2005
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	00
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	B
Modified By:	NTFREEMA
Last Modified:	04/14/2017

Equipment Records:

B04 - Tank External Protection - Fiberglass
K99 - Spill Prevention - Other
C03 - Pipe Location - Aboveground/Underground Combination
D01 - Pipe Type - Steel/Carbon Steel/Iron
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
F05 - Pipe External Protection - Jacketed
A99 - Tank Internal Protection - Other
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
H99 - Tank Leak Detection - Other
G04 - Tank Secondary Containment - Double-Walled (Underground)
I05 - Overfill - Vent Whistle

---

124 **2141 SEWARD AV** **NY LTANKS** **S102239545**
East **2141 SEWARD AV** **NY Spills** **N/A**
1/4-1/2 **BRONX, NY**
0.454 mi.
2397 ft.

Relative:
Higher

Actual:
52 ft.

LTANKS:

Name:	2141 SEWARD AV
Address:	2141 SEWARD AV
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9614845 / 1997-03-25
Facility ID:	9614845
Site ID:	238181
Spill Date:	1997-03-25
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	0301

2141 SEWARD AV (Continued) **S102239545**

Investigator:	LUCE
Referred To:	Not reported
Reported to Dept:	1997-03-25
CID:	297
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-03-25
Spill Record Last Update:	1997-03-27
Spiller Name:	JAN MATOS
Spiller Company:	CASTLE OIL CORPORATION
Spiller Address:	290 LOCUST AVE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	(718) 892-4400
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	196176
DEC Memo:	""
Remarks:	"DRIVER MISCALCULATED AND OVERFILLED THE TANK - SPILL HAS BEEN CONTAINED"

All Materials:

Site ID:	238181
Operable Unit ID:	1042472
Operable Unit:	01
Material ID:	339946
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	2141 SEWARD AVE
Address:	2141 SEWARD AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0012956 / 2001-04-10
Facility ID:	0012956
Site ID:	287067
Spill Date:	2001-03-09
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	2001-03-09
CID:	389
Water Affected:	Not reported

2141 SEWARD AV (Continued) **S102239545**

Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-03-09
Spill Record Last Update:	2001-04-10
Spiller Name:	Not reported
Spiller Company:	CRYSTAL TRANSPORTATION
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	232538
DEC Memo:	""
Remarks:	"CALLER REPORTING A SPILL FROM A TANK OVERFILL UNK SPILLER AT THIS TIME CLEAN UP IN PROGRESS AND NO CALLBACK NECESSARY"

All Materials:

Site ID:	287067
Operable Unit ID:	834888
Operable Unit:	01
Material ID:	539673
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	15.00
Oxygenate:	Not reported

SPILLS:

Name:	2141 SEEWARD AVENUE
Address:	2141 SEEWARD AVENUE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9516643 / 1996-03-27
Facility ID:	9516643
Facility Type:	ER
DER Facility ID:	144930
Site ID:	172188
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	0301
Spill Date:	1996-03-26
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	1996-03-26
CID:	204
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party

2141 SEWARD AV (Continued) **S102239545**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-03-26
Spill Record Last Update:	1996-04-03
Spiller Name:	JANET MATOS
Spiller Company:	CASTLE OIL COMPANY
Spiller Address:	290 LOCUST AVENUE
Spiller Company:	001
Contact Name:	JANET MATOS
DEC Memo:	""
Remarks:	"ST JOHNS SCHOOL - OVERFILL"

All Materials:

Site ID:	172188
Operable Unit ID:	1031199
Operable Unit:	01
Material ID:	353155
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

---

125 West 1/4-1/2 0.455 mi. 2404 ft.

CLASON POINT GARDENS
762 METCALF AVENUE
BRONX, NY

NY LTANKS **S100177636**
N/A

Relative: Higher

Actual: 18 ft.

LTANKS:

Name:	CLASON PT GARDENS
Address:	762 METCALF AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9112366 / 1998-06-23
Facility ID:	9112366
Site ID:	233211
Spill Date:	1992-03-04
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	1992-03-04
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False

CLASON POINT GARDENS (Continued) **S100177636**

Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1992-03-11
Spill Record Last Update:	1998-06-23
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	192150
DEC Memo:	""
Remarks:	"15K; HORNER EZ CHECK, VISUAL LEAK."

All TTF:

Facility ID:	9112366
Spill Number:	9112366
Spill Tank Test:	1539690
Site ID:	233211
Tank Number:	001
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	233211
Operable Unit ID:	965964
Operable Unit:	01
Material ID:	417343
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

Name:	CLASON POINT GARDENS
Address:	762 METCALF AVENUE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9006793 / 1995-04-25
Facility ID:	9006793
Site ID:	300617

CLASON POINT GARDENS (Continued) **S100177636**

Spill Date:	1990-09-20
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	1995-04-25
SWIS:	0301
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1990-09-20
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1990-10-03
Spill Record Last Update:	1995-04-25
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	250 BROADWAY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	243157
DEC Memo:	""
Remarks:	"15K TANK, SYSTEM TEST FAILED HORNER EZY CHECK, VISUAL GROSS LEAK,WILL EXCAVATE, ISOLATE & RETEST, WILL REQUIRE REPAIRS. SEE SPILL # 9112366"

All TTF:

Facility ID:	9006793
Spill Number:	9006793
Spill Tank Test:	1537576
Site ID:	300617
Tank Number:	001
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	300617
Operable Unit ID:	947313
Operable Unit:	01
Material ID:	434242

CLASON POINT GARDENS (Continued) **S100177636**

Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

---

126 **SPILL NUMBER 0312791** **NY LTANKS** **S106385373**
North **1880 WATSON AVE** **N/A**
1/4-1/2 **BRONX, NY**
0.458 mi.
2420 ft.

Relative: **Higher**

Actual: **29 ft.**

LTANKS:

Name:	SPILL NUMBER 0312791
Address:	1880 WATSON AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0312791 / 2004-09-17
Facility ID:	0312791
Site ID:	221804
Spill Date:	2004-02-18
Spill Cause:	Tank Test Failure
Spill Source:	Unknown
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2004-02-18
CID:	403
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-02-18
Spill Record Last Update:	2004-09-17
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	CLERIO MARTINS
Spiller Phone:	(212) 695-0700
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	183450
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO TTF letter sent to: 1880 Watson LLC 7 Penn Plaza Suite 222 New York, NY 10001 Attn: Clerio Martins 9/17/04 TJD Letter report submitted. TTF caused by hole in vent line, dry leak. No contamination found. No further action required. Spill closed."
Remarks:	"tank test failed"

SPILL NUMBER 0312791 (Continued) **S106385373**

All TTF:

Facility ID:	0312791
Spill Number:	0312791
Spill Tank Test:	1528982
Site ID:	221804
Tank Number:	1
Tank Size:	3000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	221804
Operable Unit ID:	878034
Operable Unit:	01
Material ID:	497972
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

AC127 **900 SETELEY** **NY LTANKS** **S101103200**
WNW **900 SETELEY** **N/A**
1/4-1/2 **BRONX, NY**
0.466 mi.
2459 ft. **Site 2 of 2 in cluster AC**

Relative: **Higher**

Actual: **17 ft.**

LTANKS:

Name:	900 SETELEY
Address:	900 SETELEY
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9315220 / 1998-04-30
Facility ID:	9315220
Site ID:	187917
Spill Date:	1994-03-25
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1994-03-25
CID:	Not reported

900 SETELEY (Continued) **S101103200**

Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1994-03-28
Spill Record Last Update:	1998-05-14
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	157027
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG 10/10/95: This is additional information about material spilled from the translation of the old spill file: TANK REMOVAL."
Remarks:	"NEW TANK GOING IN STOCK PILE."

All Materials:

Site ID:	187917
Operable Unit ID:	997146
Operable Unit:	01
Material ID:	386983
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

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128 **1847 WATSON AVE** **NY LTANKS** **S102673243**
NNW **1847 WATSON AVE** **N/A**
1/4-1/2 **BRONX, NY**
0.483 mi.
2549 ft.

Relative:
Higher

Actual:
18 ft.

LTANKS:

Name:	1847 WATSON AVE
Address:	1847 WATSON AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	9514006 / 1996-02-02
Facility ID:	9514006
Site ID:	208434
Spill Date:	1996-02-02
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	SMMARTIN

1847 WATSON AVE (Continued) **S102673243**

Referred To:	Not reported
Reported to Dept:	1996-02-02
CID:	252
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1996-02-02
Spill Record Last Update:	1996-05-01
Spiller Name:	SAM SOLA
Spiller Company:	PETRO IN ASTORIA
Spiller Address:	3616 19TH AVENUE
Spiller County:	001
Spiller Contact:	ANNA BAFFUTO
Spiller Phone:	(718) 829-6051
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	172946
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT "
Remarks:	"driver had tank overfill causing spill of 1 gal #2 fuel on to basement floor-has been cleaned up by oil co on scene"

All Materials:

Site ID:	208434
Operable Unit ID:	1024833
Operable Unit:	01
Material ID:	357710
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

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129 WNW 1/4-1/2 0.499 mi. 2634 ft. **CLOVERLEAF TOWERS** **NY LTANKS S104782197**
920 METCALF AV **NY Spills N/A**
BRONX, NY

Relative: Higher

Actual: 18 ft.

LTANKS:

Name:	CLOVERLEAF TOWERS
Address:	920 METCALF AV
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0006424 / 2005-08-26
Facility ID:	0006424
Site ID:	313111
Spill Date:	2000-08-30
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3

CLOVERLEAF TOWERS (Continued) **S104782197**

Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	RJCOZZY
Referred To:	Not reported
Reported to Dept:	2000-08-30
CID:	233
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-08-30
Spill Record Last Update:	2005-08-26
Spiller Name:	NYDIA HERNANDIAS
Spiller Company:	CLOVERLEAF TOWERS
Spiller Address:	920 METCALF AV
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	252457
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 05/18/2001 Reassigned from Saccacio to Sangesland Started as a tank test failure 8/30/2000 with a visible hole in the top of UST. 10/2/2000 - On 9/18/2000 several soil borings and 2 wells were installed on the site. Results show the area is clean north and east of the tank. Area to the south of the tank near the vent line appears contaminated. Remediation/Excavation work will need to be performed on this site. 5/9/2002 - Sangesland spoke with Nydia Hernandez of NYC-HPD (phone 212-863-6807) (fax 212-863-5048) Apparently the old buried tank was abandoned (issues about if it was abandoned properly) A temporary tank was set up about a year ago. At this site there are two seperate issues: 1) The first issue is the buried tank and the soil borings around it. Some excavation work was done around the former remote fills, but no endpoint samples were done. Also no borings were done between the tank and the building. 2) Second issue is a leak associated with the temporary tank. (Spill #0200781) According to Ms. Hernandez, the contamination area around this tank is going to be excavated next week (5/9/2002) Ms. Hernandez requested a letter from the DEC outlining the work required to close out all of these associated spills for the site. This letter was sent out. 8/26/05 - Cozzy - Tania Petranon (212-863-6807)of HPD sent soil boring information and a figure showing area of soil removal. Screening of soil borings outside and below the excavated soils showed no petroleum impacts and two endpoint sample lab analyses confirmed this with all VOCs and SVOCs non-detect. Spill closed."
Remarks:	"u/g tank failed visable hole in the top of tank "

All TTF:

Facility ID:	0006424
Spill Number:	0006424
Spill Tank Test:	1525864
Site ID:	313111
Tank Number:	1
Tank Size:	20000

CLOVERLEAF TOWERS (Continued) **S104782197**

Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	313111
Operable Unit ID:	827443
Operable Unit:	01
Material ID:	547541
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	False

SPILLS:

Name:	NYC HOUSING PROJECT -NYCHA
Address:	920 METCALF AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0200781 / 2009-01-15
Facility ID:	0200781
Facility Type:	ER
DER Facility ID:	140567
Site ID:	166826
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	0301
Spill Date:	2002-04-19
Investigator:	jkkann
Referred To:	Not reported
Reported to Dept:	2002-04-19
CID:	252
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-04-19
Spill Record Last Update:	2009-01-15

CLOVERLEAF TOWERS (Continued) **S104782197**

Spiller Name:	NYDIA HERNANDEZ
Spiller Company:	NYC HOUSING PROJECT
Spiller Address:	920 METCALF AVE
Spiller Company:	001
Contact Name:	NYDIA HERNANDEZ
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was BREEN 5/7/2002-VOUGHT-Two different spills at this site at different locations. Spill #0006424 is from 20,000 gallon #4 oil. Spill #0200781 is from #2 oil temporary tank located 60' away from #0006424. Both spills assigned to Sangesland. 5/9/2002-VOUGHT-Spoke with Anthony Lara (PTC) who stated that excavtion of soil at former temporary tank location will begin 5/10/2002. Anthony was told that a minimum of five endpoint samples be analyzed and that the analyticals, disposal manifest and site plan be submitted to Sangesland. He was also told that all future correspondence will be with Sangesland. 1/12/2004 spill transferred from Sangesland to Breen 7/3/07: spill transferred from Breen to Kann. (JHO) 9/11/07: J.Kann - contacted by James Maistre (914-237-1600) of cloverleaf towers about this open spill. Requests input on information necessary for closure. 9/25/07 - J. Kann - contacted by Eugene Getty (212)889-2821, attorney for Mr. Maistre. Eugene will provide documents related to the site. 10/2/07 - J.Kann - recvd email from Eugene Getty containing Spill Closure Summary. 10/12/07 - J.Kann - review closure summary and provide verbal comments to E. Getty. Spill Closure report contains analyticals for three samples, but are not referenced in the report or shown on the diagram. Samples are clean, but it is not certain where they were collected. E. Getty then emails me a summary letter prepared for the bank which includes a timeline of events related to the tank removal. It does not appear that endpoint samples were collected. Told Mr. Getty more information is needed. 10/15/07 : J.Kann - send the following email to E. Getty I have reviewed the information that you sent to the Department two weeks ago, specifically the Spill Closure Summary dated June 19, 2002 (Report), together with the NCB letter dated June 24, 2002 (Letter) summarizing the actions taken in 2002 regarding the soil removal around the temporary storage tank located at 920 Metcalf Avenue. Based on the Report and Letter, there are inconsistencies as to whether or not end point samples were collected after soil excavation was performed. Post excavation samples are required by the Department to confirm that contaminated soils have been removed. If this was not completed, additional investigative work is required. 11/13/07: J.Kann - recieve phone message from E. Getty. Return call. Speak with Clinton Elmore. Clinton indicates that they have recieved the file for the site from PTC. I said I can look at the information they have and they can submit it to me. 12/17/07: J.Kann - left a message for Anthony Lara in late November. Clinton Elmore (attorney for RP) said he also contacted Mr. Lara. Was not able to discuss whether or not the laboratory information in the report pertains to endpoint samples or boring samples. Three samples were collected and were clean. Therefore, I prepared a letter to Mr. Maistre requesting additional work if no endpoint samples were collected. 10/21/08: J.Kann - attorney for RP submitted boring location plan on May 30, 2008. Field work was performed (DEC was contacted, but not able to go out). Results of analytical soil data was submitted on October 13, 2008. Email response submitted indicating that additional information is necessary sent on october 21 (desciption of site soils, depths of sample collection, discussion of exposure risks, if any). 1/15/09:

CLOVERLEAF TOWERS (Continued) **S104782197**

J.Kann - received letter summary from consultant. Soil samples were collected at a depth of 10 feet below grade. This additional information supplements the report prepared in 2002. Minimal detections of SVOCs were noted in the soil, likely due to the presence of historic fill. Based on review of information, spill was closed. NFA. "

Remarks: "CALLER WAS ASKED TO INVESTIGATE FOR CONTAMINATION FROM A LEAKING OIL TANK. INVESTIGATION TO CONTINUE TO DETERMINE EXTENT OF CONTAMINATION."
Not reported

All Materials:

Site ID:	166826
Operable Unit ID:	854208
Operable Unit:	01
Material ID:	522216
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	RESIDENCE
Address:	920 METCALF AVE
City,State,Zip:	BRONX, NY
Spill Number/Closed Date:	0201280 / 2002-05-09
Facility ID:	0201280
Facility Type:	ER
DER Facility ID:	140567
Site ID:	166827
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	0301
Spill Date:	2002-05-03
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	2002-05-03
CID:	252
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-05-03
Spill Record Last Update:	2002-05-28
Spiller Name:	Not reported
Spiller Company:	S & J FUEL
Spiller Address:	UNK
Spiller Company:	001
Contact Name:	ANTHONY LARA

CLOVERLEAF TOWERS (Continued) **S104782197**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT 5/7/2002-VOUGHT-Two different spills at this site at different locations. Spill #0200781 is from #2 oil temporary tank located approximately 60' away from spill#0006424 which is 20,000 gallon #4 oil. This spill is a second report for the 0200781 spill. See spill #0200781. This spill closed by Vought. 5/28/2002 - Sangesland spoke with Ray at PTC. PTC Finished excavation and took endpoint samples in the parking lot area. Area will be backfilled"
Remarks: "SPILL IS BEING INVESTIGATED-LIMITED INFORMATION AT THIS TIME "

All Materials:
Site ID: 166827
Operable Unit ID: 854583
Operable Unit: 01
Material ID: 522696
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: VAULT 2322 IN FRONT
Address: 920 METCALF AVE
City,State,Zip: BRONX, NY
Spill Number/Closed Date: 0205309 / 2002-10-29
Facility ID: 0205309
Facility Type: ER
DER Facility ID: 140567
Site ID: 166828
DEC Region: 2
Spill Cause: Unknown
Spill Class: C3
SWIS: 0301
Spill Date: 2002-08-20
Investigator: JHOCONNE
Referred To: Not reported
Reported to Dept: 2002-08-20
CID: 282
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2002-08-20
Spill Record Last Update: 2002-10-29
Spiller Name: SAME
Spiller Company: UNKNOWN FOR NOW
Spiller Address: SAME
Spiller Company: 001
Contact Name: SEAN MCKEEVER

CLOVERLEAF TOWERS (Continued) **S104782197**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL e2mis no. 144-638: 20-August-2002 @ 13:35 hrs. Equipment Group Mechanic 'A' Diego Hernandez, #18527 reports he found 4 gallons dielectric fluid mixed in dirty and leaves on the floor of the vault 2322. The sump was running and is full of oily debris. Mr. Hernandez believes the dielectric fluid may have exited the sump. However, he has not been able to check the sump pipe connection to determine if it is blocked. He disconnected the sump. M & S plate map 11 P indicates that there is a sewer connection from the sump. The transformer does not indicate that any oil was lost. This is an old transformer from 1954. There was no private property affected. No smoke or fire is/was involved. Crew standing by for the arrival of a supervisor. 20-August-2002 @ 15:03 hrs. Equipment Group Operating Supervisor Todd Guion reports that he was able to make a closer inspection of the condition of the vault. The fluid in the structure is red in color does not appear to be from the transformer. The transformer pressure test is good. Mr. Guion determined that the sump is oversized and he has judged that the amount of oil is close to 50 gallons not 4 as originally reported. Mr. Guion has also been able to confirm that the sump pipe to the sewer does not appear to be fully blocked and the fluid could have leaked to the sewer pipe. With the sump disconnected the water/oil level is standing and is not entering the sewer. Samples for oil ID and PCB's were taken to be delivered to the lab. for emergency test. Environmental tag #28255 was installed in the vault. The crew is standing by at the location pending tanked and flush to clean the vault and seal the sump. 21-AUG-2002 05:21 Environmental Flush Mech A E. Gafur 19528 reports cleanup complete @ 03:00. 138 gallons of 50 ppm PCB oily water was removed from the vault by Clean Ventures Tanker. Mr. Gafur double washed and rinsed the structure and removed all solid waste. One drum of 50 ppm PCB waste was generated and one trip ruled to Van Nest Service Center and placed in the temp. hazardous waste storage area. There was no evidence of the source of oil in the structure. Cleanup complete. 21 AUG 2002 0736 Update: Sample results for this incident indicate that the PCB results for the oil in the structure were 50 PPM, and the results for the oil that was sampled from the unit were 2 PPM."

Remarks: "thye have a leak in thier vault."

All Materials:

Site ID:	166828
Operable Unit ID:	858012
Operable Unit:	01
Material ID:	519509
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Count: 13 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BRONX	S126023159	HUTCH PKWY AND BRUCKNER EXPWY	BLOCK 4111, LOT 123 AND 134 UN		NY SWF/LF
BRONX	S126024094	WHITE PLAINS ROAD	BOUNDED BY LACOMBE AVENUE, OLM		NY SWF/LF
BRONX	S126022639	BRONX RIVER PARK	BRONX RIVER PKWY, CSX NORTHERN		NY SWF/LF
BRONX	S126022878	EAST 145TH STREET AND EAST RIVER	BRUCKNER EXPY, E 141ST ST., E		NY SWF/LF
BRONX	S126023813	SOUNDVIEW PARK	ENTIRE SOUNDVIEW PARK		NY SWF/LF
BRONX	S126023660	RANDALL AVE AND ZEREGA AVE/WESTCHE	HAVMEYER AVE, RANDELL AVE, ZER		NY SWF/LF
BRONX	S126022979	FORT SCHUYLER PARK AREA	LONG ISLAND SOUND, PENNYFIELD		NY SWF/LF
BRONX	S126023821	SOUTHERN BLVD. AND LONGWOOD AVE.	LONGWOOD AVE, LAFAYETTE AVE, B		NY SWF/LF
BRONX	S126023812	SOUNDVIEW PARK BY COLGATE AVE	SOUTH OF THE CORNER OF LAFAYET		NY SWF/LF
BRONX	S126024142	ZEREGA AVE, CROSS BRONX EXPWY, WES	SHORELINE OF WESTCHESTER CREEK		NY SWF/LF
BRONX	S126023811	SOUNDVIEW AVE	SOUNDVIEW PARK SHORELINE		NY SWF/LF
BRONX	S121933888	CE - ZEREGA AVE. STATION	ZEREGA AVE. BETWEEN BLACKROCK	10462	NY SHWS
BRONX	S105684653	CE - ZEREGA AVE. STATION	ZEREGA AVE. BETWEEN BLACKROCK	10462	NY VCP

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 08/03/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 08/03/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 08/03/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/03/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/03/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/15/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 30

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/22/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/28/2020
Number of Days to Update: 76

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 06/25/2020
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 06/24/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/15/2019
Date Data Arrived at EDR: 12/17/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 85
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

LTANKS: Spills Information Database
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 82
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/10/2020
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/10/2020
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/10/2020
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/10/2020
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 85

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/23/2020
Next Scheduled EDR Contact: 11/01/2020
Data Release Frequency: Varies

TANKS: Storage Tank Faciliy Listing

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/10/2020
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

ENV RES DECL: Environmental Restrictive Declarations

The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/17/2019
Date Made Active in Reports: 03/02/2020
Number of Days to Update: 76

Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 06/15/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Varies

RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 03/02/2020
Number of Days to Update: 77

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/29/2020
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/29/2020
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/29/2020
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Semi-Annually

VCP NYC: Voluntary Cleanup Program Listing NYC
New York City voluntary cleanup program sites.

Date of Government Version: 03/17/2020
Date Data Arrived at EDR: 03/18/2020
Date Made Active in Reports: 05/29/2020
Number of Days to Update: 72

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 06/11/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List
A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/29/2020
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Semi-Annually

ERP: Environmental Restoration Program Listing
In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/29/2020
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 06/25/2020
Number of Days to Update: 78
Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 06/24/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Quarterly

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 63
Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 06/04/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/28/2020
Number of Days to Update: 76

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

DEC surveyed select businesses, fire departments, fire training centers, bulk storage facilities, airports, and Department of Defense (DoD) facilities. The responses to the survey have helped to determine if these entities used or stored materials containing PFOA/PFOS including AFFF and dispersants used in Teflon coating operations. The results of this survey will be updated periodically as additional responses are received..

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 05/08/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-9020
Last EDR Contact: 05/04/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information
Lien information from the Oil Spill Fund.

Date of Government Version: 03/06/2020
Date Data Arrived at EDR: 03/06/2020
Date Made Active in Reports: 05/12/2020
Number of Days to Update: 67
Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/03/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 02/27/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

SPILLS: Spills Information Database
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/28/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 85
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62
Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574
Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/08/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 03/01/2020
Date Data Arrived at EDR: 04/21/2020
Date Made Active in Reports: 07/15/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 08/03/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 08/03/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/13/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/30/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/20/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/05/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/01/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/08/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/24/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/21/2020
Number of Days to Update: 6

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/07/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 08/03/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/11/2020
Date Data Arrived at EDR: 02/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 86

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/31/2020
Date Data Arrived at EDR: 04/01/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 50

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 02/28/2020
Date Made Active in Reports: 05/22/2020
Number of Days to Update: 84

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/05/2020
Date Data Arrived at EDR: 03/06/2020
Date Made Active in Reports: 05/29/2020
Number of Days to Update: 84

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/19/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/04/2020
Date Data Arrived at EDR: 04/07/2020
Date Made Active in Reports: 06/26/2020
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 76

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/19/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Quarterly

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 07/07/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 12/24/2019
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 73

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 06/24/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners
A listing of all registered drycleaning facilities.

Date of Government Version: 07/12/2019
Date Data Arrived at EDR: 12/09/2019
Date Made Active in Reports: 02/06/2020
Number of Days to Update: 59

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING
The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 02/27/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/10/2020
Number of Days to Update: 77

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 06/25/2020
Date Data Arrived at EDR: 06/25/2020
Date Made Active in Reports: 07/22/2020
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 06/24/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 03/01/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 91

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 06/12/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory
The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/14/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: No Update Planned

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 12/01/2018
Date Data Arrived at EDR: 02/13/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 120

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 03/01/2020
Date Data Arrived at EDR: 03/04/2020
Date Made Active in Reports: 05/12/2020
Number of Days to Update: 69

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

COOLING TOWERS: Registered Cooling Towers

This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/06/2020
Number of Days to Update: 82

Source: Department of Health
Telephone: 518-402-7650
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/08/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 07/01/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

NYC LEAD 2: Recent Lead Paint Violations

Pursuant to New York City?s Housing Maintenance Code, the Department of Housing Preservation and Development (HPD) issues violations against conditions in rental dwelling units that have been verified to violate the New York City Housing Maintenance Code (HMC) or the New York State Multiple Dwelling Law (MDL). Violations are issued when an inspection verifies that a violation of the HMC or MDL exists. It is closed when the violation is corrected, as observed/verified by HPD or as certified by the landlord.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 30

Source: New York City Department of Housing Preservation & Development
Telephone: 212-863-8200
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/03/2019
Data Release Frequency: Varies

NYC LEAD: Lead-based Paint Testing Results

The results of the inspections for all classrooms serving students under six in applicable buildings. Identifies all classrooms, whether there was observation of peeling paint, and if there was, standard response protocol was followed.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 34

Source: New York City Department of Education
Telephone: 212-374-5141
Last EDR Contact: 05/29/2020
Next Scheduled EDR Contact: 09/03/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

AST - CORTLAND: Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

UST - CORTLAND: Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

NASSAU COUNTY:

AST - NASSAU: Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: No Update Planned

AST NCFM: Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

TANKS NASSAU: Registered Tank Database in Nassau County
A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35
Source: Nassau County Department of Health
Telephone: 516-227-9691
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

UST - NASSAU: Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35
Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: No Update Planned

UST NCFM: Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

ROCKLAND COUNTY:

AST - ROCKLAND: Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 05/28/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: No Update Planned

UST - ROCKLAND: Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 05/28/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: No Update Planned

SUFFOLK COUNTY:

AST - SUFFOLK: Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: No Update Planned

TANKS SUFFOLK: Storage Tank Database

This county is not included in the state?s database. These are facilities that have no tank information in the storage tank database.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Department of Health Services
Telephone: 631-854-2516
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

UST - SUFFOLK: Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

AST - WESTCHESTER: Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 3

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Semi-Annually

UST - WESTCHESTER: Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 3

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/12/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/04/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

STEVENSON COMMONS
1850 LAFAYETTE AVE
BRONX, NY 10473

TARGET PROPERTY COORDINATES

Latitude (North):	40.820547 - 40° 49' 13.97''
Longitude (West):	73.860902 - 73° 51' 39.25''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	596062.8
UTM Y (Meters):	4519249.0
Elevation:	16 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5940605 FLUSHING, NY
Version Date:	2013
West Map:	5940599 CENTRAL PARK, NY
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

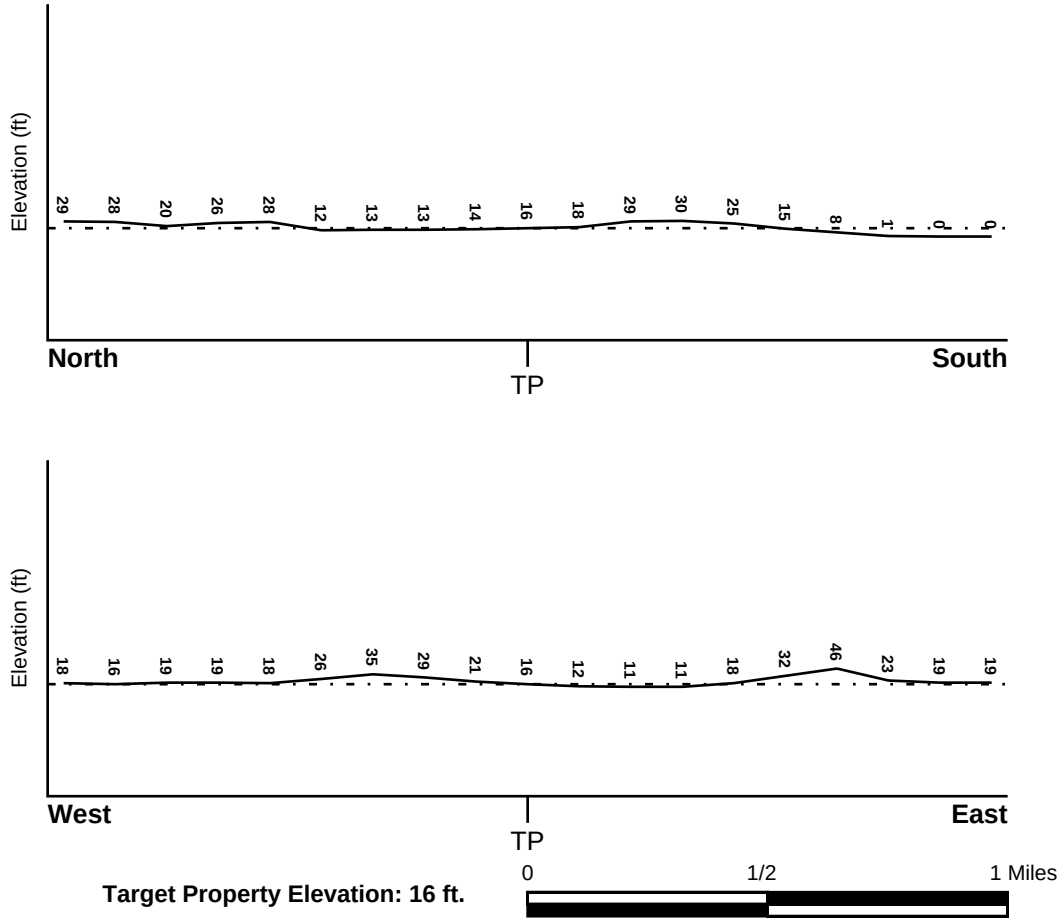
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 16 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
3604970103F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
3604970084F	FEMA FIRM Flood data
3604970104F	FEMA FIRM Flood data
3604970092F	FEMA FIRM Flood data
3604970111F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
FLUSHING	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT **GEOLOGIC AGE IDENTIFICATION**

Era:	Paleozoic	Category:	Stratified Sequence
System:	Ordovician		
Series:	Middle Ordovician (Mohawkian)		
Code:	O2 *(decoded above as Era, System & Series)*		

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000833547	1/2 - 1 Mile SW
2	USGS40000833974	1/2 - 1 Mile NE
3	USGS40000833459	1/2 - 1 Mile SSE
4	USGS40000834104	1/2 - 1 Mile NNE
5	USGS40000833850	1/2 - 1 Mile ENE
6	USGS40000834120	1/2 - 1 Mile NNE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 6143661.2s

County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location
HD Closest Hydrogeological Data
Oil, gas or related wells

N

SITE NAME:	Stevenson Commons	CLIENT:	Impact Environmental
ADDRESS:	1850 Lafayette Ave Bronx NY 10473	CONTACT:	Jason Scalora
		INQUIRY #:	6143661.2s
LAT/LONG:	40.820547 / 73.860902	DATE:	August 04, 2020 1:14 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000833547**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	B 69. 1		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	02030102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	76	Well Hole Depth Units:	ft

2
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000833974**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	B 37	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

3
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000833459**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	B 68	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	25	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

4
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000834104**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	B 47	Type:	Well
Description:	Not Reported	HUC:	Not Reported

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	210	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

5
ENE **FED USGS** **USGS40000833850**
1/2 - 1 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	B 9	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	140	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

6
NNE **FED USGS** **USGS40000834120**
1/2 - 1 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	B 16	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	125	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for BRONX County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for BRONX COUNTY, NY

Number of sites tested: 31

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.670 pCi/L	96%	4%	0%
Basement	1.110 pCi/L	42%	58%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Source: Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix F

Historic Records (City Directories, Sanborn Fire Insurance Maps)

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

Stevenson Commons
1850 Lafayette Ave
Bronx, NY 10473

Inquiry Number: 6143661.5
August 05, 2020

The EDR-City Directory Abstract

Environmental Data Resources Inc
6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Executive Summary

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City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1927 through 2017. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 200 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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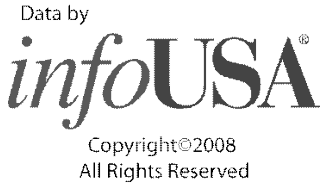

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2017	Cole Information Services	X	X	X	-
2014	Cole Information Services	X	X	X	-
2009	Cole Information Services	X	X	X	-
2005	Hill-Donnelly Information Services	-	X	X	-
	Hill-Donnelly Information Services	X	X	X	-
2004	Cole Information Services	X	X	X	-
2000	Cole Information Services	-	-	X	-
	Cole Information Services	X	-	X	-
1999	Cole Information Services	X	X	X	-
1994	Cole Information Services	X	X	X	-
1993	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1983	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1976	New York Telephone Company	-	X	X	-
1971	New York Telephone	-	X	X	-
1965	New York Telephone Company	-	-	-	-
1961	New York Telephone	-	X	X	-
1956	New York Telephone	-	-	-	-
1949	New York Telephone	-	-	-	-
1940	New York Telephone	-	-	-	-
1931	Manhattan and Bronx Directory Publishing Company Residential Directory	-	X	X	-
1927	New York Telephone	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1850 Lafayette Ave
Bronx, NY 10473

FINDINGS DETAIL

Target Property research detail.

LAFAYATTE AVE

1850 LAFAYATTE AVE

Year	*Uses*	*Source*
1993	JOSEPH Altagracia	New York Telephone

LAFAYETTA AVE

1850 LAFAYETTA AVE

Year	*Uses*	*Source*
1993	RODRIGUEZ Olga	New York Telephone

LAFAYETTE AVE

1850 LAFAYETTE AVE

Year	*Uses*	*Source*
2017	ADA TORRES	Cole Information Services
	AGUSTIN CIRIACO	Cole Information Services
	ALBERT AZIZO	Cole Information Services
	ALEJANDRO CASTRO	Cole Information Services
	ALENDA JOHNSON	Cole Information Services
	ALEX COLON	Cole Information Services
	ALICE PULLEY	Cole Information Services
	ALICIA LOZANO	Cole Information Services
	ALISANDRA DIAZ	Cole Information Services
	ANA PLAZA	Cole Information Services
	ANITA BUAH	Cole Information Services
	AYISI OPARE	Cole Information Services
	BARBARA TORRES	Cole Information Services
	BELEN COLON	Cole Information Services
	BIANCA JENKINS	Cole Information Services

FINDINGS

Year	Uses	Source
2017	BLANCA SANCHEZ	Cole Information Services
	BRIAN LEWIS	Cole Information Services
	CARMEN CONTRERAS	Cole Information Services
	CARMEN THEN	Cole Information Services
	CATALINA ENCARNACION	Cole Information Services
	CATHERINE TUTU	Cole Information Services
	CECELIA DEMESA	Cole Information Services
	CELISE STARLING	Cole Information Services
	CHANTAY NEUREITER	Cole Information Services
	CHARLES GONZALEZ	Cole Information Services
	CHRISTINA ANTWI	Cole Information Services
	CLARISSA JOSEPH	Cole Information Services
	CLARISSA SAMUELS	Cole Information Services
	CONCEPCION QUEZADA	Cole Information Services
	CONNIE MCDANIEL	Cole Information Services
	COSMORE CONSTANT	Cole Information Services
	CRYSTAL GIORDANO	Cole Information Services
	CUBBY GIBSON	Cole Information Services
	DALIA CARRASQUILLO	Cole Information Services
	DANIEL JONES	Cole Information Services
	DANILO DIAZ	Cole Information Services
	DANILO PAYAMPS	Cole Information Services
	DARRYL CARROLL	Cole Information Services
	DAVID MATTHEWS	Cole Information Services
	DAVID VIDAL	Cole Information Services
	DEBORAH BROWN	Cole Information Services
	DERRICK TOLOBERT	Cole Information Services
	DESEREE BOLER	Cole Information Services
	DONALD CRAIGWELL	Cole Information Services
	DOREEN INGRASSIA	Cole Information Services
	DORIS FRANCIS	Cole Information Services
	DORIS MANU	Cole Information Services
	EDUARDO MOJICA	Cole Information Services
	EDWIN COLON	Cole Information Services
	EDWIN RIVERA	Cole Information Services
	ELLEN SARPONG	Cole Information Services
	EMMA HENRY	Cole Information Services
	EMMANUEL GARCIA	Cole Information Services

FINDINGS

Year	Uses	Source
2017	ERALD BENJAMIN	Cole Information Services
	ERIC APONTE	Cole Information Services
	ERNEST BIEL	Cole Information Services
	EUSEBIO ELLINGTON	Cole Information Services
	FEDERICO CALDERON	Cole Information Services
	GALE SIMMONS	Cole Information Services
	GARY CRUZ	Cole Information Services
	GIOVANNI PERICHI	Cole Information Services
	GLADYS MEDRANO	Cole Information Services
	GLADYS PACHECO	Cole Information Services
	HANNAH BOAKYE	Cole Information Services
	HARRY TORRES	Cole Information Services
	HECTOR SOLARNO	Cole Information Services
	HERMES PERALTA	Cole Information Services
	HUMBERTO SANTIAGO	Cole Information Services
	IRIS RUEMMELEY	Cole Information Services
	IRMA GODOY	Cole Information Services
	IVETTE HIDALGO	Cole Information Services
	JACINTHA TELLEZ	Cole Information Services
	JAMES GEER	Cole Information Services
	JAMES LAMBERTSON	Cole Information Services
	JASON POLANCO	Cole Information Services
	JAVIER VAZQUEZ	Cole Information Services
	JAVIER YENNY	Cole Information Services
	JAZMINE GRANT	Cole Information Services
	JEANETTE SERRANO	Cole Information Services
	JENNIFER GARCIA	Cole Information Services
	JOANNE AQUINO	Cole Information Services
	JOHN ASUBONTENG	Cole Information Services
	JOHN TWIMASI	Cole Information Services
	JOHN WILLIAMS	Cole Information Services
	JOHNATHAN LOPEZ	Cole Information Services
	JOHNNYANGEL DEL	Cole Information Services
	JORGE RODRIGUEZ	Cole Information Services
	JOSE BATISTA	Cole Information Services
	JOSE CABA	Cole Information Services
	JOSEPHINE OVERSTREET	Cole Information Services
	JOSETTE DESSALINES	Cole Information Services

FINDINGS

Year	Uses	Source
2017	JUAN FERNANDEZ	Cole Information Services
	JUAN PAULINO	Cole Information Services
	JUANA RAMOS	Cole Information Services
	JULIANA ABOAGYE	Cole Information Services
	JUNE SMITH	Cole Information Services
	JYTJYGMORA JYGUG	Cole Information Services
	KENNETH ROBINSON	Cole Information Services
	KEVIN HENDRICKS	Cole Information Services
	KISHA ROMERO	Cole Information Services
	KOFI FRIMPONG	Cole Information Services
	LAURA DOHERTY	Cole Information Services
	LISA WILLIAMS	Cole Information Services
	LIZA MCLEAN	Cole Information Services
	LUIS RODRIGUEZ	Cole Information Services
	LUZ VALENTIN	Cole Information Services
	M TCHANDIKOU	Cole Information Services
	MADELINE APONTE	Cole Information Services
	MANUEL PEREZ	Cole Information Services
	MARCELINO CRUZ	Cole Information Services
	MARIA DIAZ	Cole Information Services
	MARIA JIMENEZ	Cole Information Services
	MARTA REYNOSO	Cole Information Services
	MARY KUMAH	Cole Information Services
	MERCY KESEWAA	Cole Information Services
	MIA HORNE	Cole Information Services
	MICHELLE RIVERA	Cole Information Services
	MICHELLE WHITE	Cole Information Services
	MIGUEL QUILES	Cole Information Services
	MIGUEL RIVERA	Cole Information Services
	N PER	Cole Information Services
	NELSON CABRERA	Cole Information Services
	OLGA NUNEZ	Cole Information Services
	OWUSO BOATENG	Cole Information Services
	PAULA MELENDEZ	Cole Information Services
	PAULINO DELEON	Cole Information Services
	RADAMES MORALES	Cole Information Services
	RAFAEL INFANTE	Cole Information Services
	RAFAEL MERCEDES	Cole Information Services

FINDINGS

Year	Uses	Source
2017	RAFAEL SANTANA	Cole Information Services
	RAMON ROMAN	Cole Information Services
	RAMOND MORGRIDGE	Cole Information Services
	RENA GARVIN	Cole Information Services
	RICARDO IRIZARRY	Cole Information Services
	RICHIE JIMENEZ	Cole Information Services
	ROBERT FARNUM	Cole Information Services
	RODNEY PALMER	Cole Information Services
	RODRY SANCHEZ	Cole Information Services
	ROGER ROMEO	Cole Information Services
	ROSEMARY RODRIGUEZ	Cole Information Services
	RUSSELL THOMPSON	Cole Information Services
	SAMPSON AWUAH	Cole Information Services
	SHARMAYNE ENCARNACION	Cole Information Services
	SHERON MANIGAULT	Cole Information Services
	SYLVIA ADADE	Cole Information Services
	TABITHA RODRIGUEZ	Cole Information Services
	TRINA BLOUNT	Cole Information Services
	VANCE FRYAR	Cole Information Services
	VICTOR MORALES	Cole Information Services
	VICTOR SAAVEDRA	Cole Information Services
	VIVIAN FREMPOMAA	Cole Information Services
	WALYNE GAMBLE	Cole Information Services
	YDALLA VALLEJO	Cole Information Services
	YENNY BEJARAN	Cole Information Services
	YOLANDA SOTO	Cole Information Services
	YVETTE HONORE	Cole Information Services
2014	ABIGAIL BOATENG	Cole Information Services
	ABRAHAM DAISIE	Cole Information Services
	AGUSTIN CIRIACO	Cole Information Services
	AGUSTINA DELGADO	Cole Information Services
	ALBERT AZIZO	Cole Information Services
	ALEJANDRO CASTRO	Cole Information Services
	ALENDA JOHNSON	Cole Information Services
	ALICE PULLEY	Cole Information Services
	ALICIA LOZANO	Cole Information Services
	ALIYA BAKIRIDDIN	Cole Information Services
	ALTAGRACIA DEJOSEPH	Cole Information Services

FINDINGS

Year	Uses	Source
2014	ALTAGRACIA JOSEPH	Cole Information Services
	AMA NYANTAKYI	Cole Information Services
	AMANDA REYES	Cole Information Services
	ANA PLAZA	Cole Information Services
	ANA THOMAS	Cole Information Services
	ANGEL THEN	Cole Information Services
	ANGELLA FERGUSON	Cole Information Services
	ASHLEY SILVA	Cole Information Services
	BARBARA TORRES	Cole Information Services
	BELEN COLON	Cole Information Services
	BENJAMIN BROBBEY	Cole Information Services
	BLANCA SANCHEZ	Cole Information Services
	BRANDON WILLIAMS	Cole Information Services
	BRIAN LEWIS	Cole Information Services
	CANDY CARRASQUILLO	Cole Information Services
	CARMEN GARCIA	Cole Information Services
	CARMEN PABON	Cole Information Services
	CECELIA DEMESA	Cole Information Services
	CHARLES ABOAGYE	Cole Information Services
	CHARLES GONZALEZ	Cole Information Services
	CHRISTINA ANTWI	Cole Information Services
	CLARISSA SAMUELS	Cole Information Services
	CLEMENT MANTEY	Cole Information Services
	CONCEPCION QUEZADA	Cole Information Services
	COSME VEGA	Cole Information Services
	COSMORE CONSTANT	Cole Information Services
	DANILO DIAZ	Cole Information Services
	DAVID MATTHEWS	Cole Information Services
	DAVID VIDAL	Cole Information Services
	DEAN NICHOLAS	Cole Information Services
	DEBORAH BROWN	Cole Information Services
	DESEREE BOLER	Cole Information Services
	DIANA FIGUEROA	Cole Information Services
	DIANA NAVARRO	Cole Information Services
	DONNA COLES	Cole Information Services
	EDGAR CRUZ	Cole Information Services
	EDUARDO MOJICA	Cole Information Services
	EDWIN RIVERA	Cole Information Services

FINDINGS

Year	Uses	Source
2014	ELLEN SARPONG	Cole Information Services
	EMMANUEL IHEKWOABA	Cole Information Services
	ERNEST BIEL	Cole Information Services
	ETHEL PARRON	Cole Information Services
	FEDERICO CALDERON	Cole Information Services
	FELISHA BYNUM	Cole Information Services
	FRANCES HIDALGO	Cole Information Services
	FRANK MORALES	Cole Information Services
	GALE SIMMONS	Cole Information Services
	GENOVEVA LOPEZ	Cole Information Services
	GEORGE RHODES	Cole Information Services
	GIOMARIE LEAVITT	Cole Information Services
	GISELLE BONILLA	Cole Information Services
	GLADYS MEDRANO	Cole Information Services
	GLADYS PACHECO	Cole Information Services
	GLORIA RAMIREZ	Cole Information Services
	HANNAH BOAKYE	Cole Information Services
	HAROLD BROWNE	Cole Information Services
	HARRY TORRES	Cole Information Services
	HAYDEE DONNELL	Cole Information Services
	HENRY WILSON	Cole Information Services
	HERMES PERALTA	Cole Information Services
	HUMBERTO SANTIAGO	Cole Information Services
	IRIS RUEMMELEY	Cole Information Services
	IRMA GODOY	Cole Information Services
	J CALCANO	Cole Information Services
	JACINTHA TELLEZ	Cole Information Services
	JACQUELIN DAVIS	Cole Information Services
	JACQUEYCZ YCZ	Cole Information Services
	JANNELL VENNER	Cole Information Services
	JASON POLANCO	Cole Information Services
	JAVIER VAZQUEZ	Cole Information Services
	JAZMINE GRANT	Cole Information Services
	JEANETTE SERRANO	Cole Information Services
	JESSICA SOLER	Cole Information Services
	JO AQUINO	Cole Information Services
	JOHN ASUBONTENG	Cole Information Services
	JOHN AYALA	Cole Information Services

FINDINGS

Year	Uses	Source
2014	JOHN TWIMASI	Cole Information Services
	JOHN VAZQUEZ	Cole Information Services
	JOSE CABA	Cole Information Services
	JOSE OCASIO	Cole Information Services
	JOSE ROMAN	Cole Information Services
	JOSEPHINE OVERSTREET	Cole Information Services
	JUANITA TOLBERT	Cole Information Services
	JULIO GARCIA	Cole Information Services
	JUNE SMITH	Cole Information Services
	KENNETH ROBINSON	Cole Information Services
	KWABENA AIKINS	Cole Information Services
	KWAME ASUO	Cole Information Services
	LATOYA SHEPARD	Cole Information Services
	LEONARDO LOPEZ	Cole Information Services
	LINDA GIORDANO	Cole Information Services
	LISA ROBERTS	Cole Information Services
	LOURDES RODRIGUEZ	Cole Information Services
	LUIS VAZQUEZ	Cole Information Services
	LUZ VALENTINE	Cole Information Services
	M TCHANDIKOU	Cole Information Services
	MANUEL PEREZ	Cole Information Services
	MARCIA WISE	Cole Information Services
	MARI KUMAH	Cole Information Services
	MARTA REYNOSO	Cole Information Services
	MARY AFRIYIE	Cole Information Services
	MARY NYARKO	Cole Information Services
	MERCY KESEWAA	Cole Information Services
	MIA HORNE	Cole Information Services
	MIGUEL GOMEZ	Cole Information Services
	MIKE RIVERA	Cole Information Services
	N PER	Cole Information Services
	NADINE PARKINS	Cole Information Services
	NELSON CABRERA	Cole Information Services
	NICOLE BROWN	Cole Information Services
	OLGA NUNEZ	Cole Information Services
	OLIVIA KINNON	Cole Information Services
	PAULA MELENDEZ	Cole Information Services
	PAULINO DELEON	Cole Information Services

FINDINGS

Year	Uses	Source
2014	PEDRO ROSADO	Cole Information Services
	RAFAEL INFANTE	Cole Information Services
	RAFAEL JUST	Cole Information Services
	RAFAEL MERCEDES	Cole Information Services
	RAFAEL SANTANA	Cole Information Services
	RAPHAEL ALICEA	Cole Information Services
	RAUL MARRERO	Cole Information Services
	RENA GARVIN	Cole Information Services
	RENE JUSINO	Cole Information Services
	RENEE HOLLAND	Cole Information Services
	RHONISE SELLERS	Cole Information Services
	RICARDO IRIZARRY	Cole Information Services
	RICHIE JIMENEZ	Cole Information Services
	RITA ADAMS	Cole Information Services
	RODNEY PALMER	Cole Information Services
	RODRY SANCHEZ	Cole Information Services
	ROSE BANKS	Cole Information Services
	S URIARTE	Cole Information Services
	SEAN NEUREITER	Cole Information Services
	SHARMAYNE ENCARNACION	Cole Information Services
	SHEREE PRATT	Cole Information Services
	SHERON MANIGAULT	Cole Information Services
	TABITHA RODRIGUEZ	Cole Information Services
	TAREN GILMORE	Cole Information Services
	TARIK FARNUM	Cole Information Services
	THERESIA CRAMER	Cole Information Services
	TRACIE APONTE	Cole Information Services
	TRINA BLOUNT	Cole Information Services
	TROY COOK	Cole Information Services
	VANCE FRYAR	Cole Information Services
	VICTOR CONTRRAS	Cole Information Services
	VICTOR SAAVEDRA	Cole Information Services
	VIVIAN FRIMPOMAA	Cole Information Services
	W MARTIN	Cole Information Services
	WALYNE GAMBLE	Cole Information Services
	WILLIE ELLINGTON	Cole Information Services
	YENNY BEJARAN	Cole Information Services
	YVETTE HONORE	Cole Information Services

FINDINGS

Year	Uses	Source
2014	YVETTE SANJURJO	Cole Information Services
2009	AGUSTIN CIRIACO	Cole Information Services
	AGUSTINA DELGADO	Cole Information Services
	ALFREDA ROBINSON	Cole Information Services
	ALICE PULLEY	Cole Information Services
	ALICIA GORGE	Cole Information Services
	ALICIA LOZANO	Cole Information Services
	AMELIA CORREA	Cole Information Services
	ANA THOMAS	Cole Information Services
	ANTONIA PEREZ	Cole Information Services
	ARIEL ORTIZ	Cole Information Services
	BEVERLY FARNUM	Cole Information Services
	BRENDA ROMERO	Cole Information Services
	C OWUSU	Cole Information Services
	CARMEN GARCIA	Cole Information Services
	CARMEN ROLDAN	Cole Information Services
	CATINA RANDOLPH	Cole Information Services
	CHERYL WILSON	Cole Information Services
	CINDY BETANCES	Cole Information Services
	CLARISSA SAMUELS	Cole Information Services
	COSMORE CONSTANT	Cole Information Services
	CRIMILDA VALENTIN	Cole Information Services
	DONALD CRAIGWELL	Cole Information Services
	DONNA COLES	Cole Information Services
	DORIS ESQUILIN	Cole Information Services
	EDNA BROWN	Cole Information Services
	EDWARD JIMENEZ	Cole Information Services
	EMILIO LUGO	Cole Information Services
	ENID WYNTER	Cole Information Services
	ERALD BENJAMIN	Cole Information Services
	EVELYN JOSEPH	Cole Information Services
	FELIX MERCEDES	Cole Information Services
	FLORENTINO DIAZ	Cole Information Services
	FRANCES HIDALGO	Cole Information Services
	GEORGE OWUSU	Cole Information Services
	GIOVANNI PERICHI	Cole Information Services
	GLADYS MEDRANO	Cole Information Services
	GLADYS PACHECO	Cole Information Services

FINDINGS

Year	Uses	Source
2009	GLORIA CALDERON	Cole Information Services
	GLORIA RAMIREZ	Cole Information Services
	GUILLERMINA GARCIA	Cole Information Services
	GUSTAVO REYES	Cole Information Services
	HOWARD JOSEPH	Cole Information Services
	I DIAZ	Cole Information Services
	IRIS RUEMMELEY	Cole Information Services
	IRMA GONZALEZ	Cole Information Services
	JACINTHA TELLEZ	Cole Information Services
	JAMES ANTWI	Cole Information Services
	JAMES LAMBERTSON	Cole Information Services
	JAVIER VAZQUEZ	Cole Information Services
	JESSICA MOJICA	Cole Information Services
	JOHN SANJURJO	Cole Information Services
	JOHN TWIMASI	Cole Information Services
	JOHN VAZQUEZ	Cole Information Services
	JOSEPH MEOLA	Cole Information Services
	JUAN SANTOS	Cole Information Services
	JUANA DIAZ	Cole Information Services
	JUANITA TOLBERT	Cole Information Services
	KIMBERLY BROWN	Cole Information Services
	KRYSTAL CAMBELL	Cole Information Services
	KWAKU AFRAM	Cole Information Services
	KWAKU BOAKYE	Cole Information Services
	LAURA MATTHEWS	Cole Information Services
	LEE GARVIN	Cole Information Services
	LISA RODRIGUEZ	Cole Information Services
	LISA WILLIAMS	Cole Information Services
	LOGAN LEWIS	Cole Information Services
	LOURDES CABAN	Cole Information Services
	LOURDES RODRIGUEZ	Cole Information Services
	LYDIA ELLINGTON	Cole Information Services
	M PEREZ	Cole Information Services
	MANUELA MORALES	Cole Information Services
	MARCELINO CRUZ	Cole Information Services
	MARCIA WISE	Cole Information Services
	MARIA ARROYO	Cole Information Services
	MARTA REYNOSO	Cole Information Services

FINDINGS

Year	Uses	Source
2009	MARY HENDERSON	Cole Information Services
	MARY NYALKO	Cole Information Services
	MAVIS ANIM	Cole Information Services
	MELVINA FRANCIS	Cole Information Services
	MIA HORNE	Cole Information Services
	MILAGROS ARNAU	Cole Information Services
	MONETTE LEWIS	Cole Information Services
	NATALIE ABREU	Cole Information Services
	NIKIA GILMORE	Cole Information Services
	NORMA SOLANO	Cole Information Services
	PAMALA THOMAS	Cole Information Services
	PAULA MELENDEZ	Cole Information Services
	PEDRO SILVESTRY	Cole Information Services
	RAFAEL ALICEA	Cole Information Services
	RAFAEL INFANTE	Cole Information Services
	RAFAEL JUST	Cole Information Services
	RAMON ROMAN	Cole Information Services
	RAMONA ESTEVEZ	Cole Information Services
	RASHID OTOO	Cole Information Services
	RICARDO IRIZARRY	Cole Information Services
	ROLAND DANKWAN	Cole Information Services
	ROSA RODRIGUZ	Cole Information Services
	RUSSELL THOMPSON	Cole Information Services
	SALLY SALHA	Cole Information Services
	SHANNON BLAKELY	Cole Information Services
	SHERON MANIGAULT	Cole Information Services
	SILVERIO LEBRON	Cole Information Services
	SOLSIRE BOBET	Cole Information Services
	STACEY MCMANUS	Cole Information Services
	SUSAN URIATE	Cole Information Services
	SYLVIA ISKOWITZ	Cole Information Services
	TANNA MAYFIELD	Cole Information Services
	TRINA BLOUNT	Cole Information Services
	VICTOR SAAVEDRA	Cole Information Services
	WALYNE GAMBLE	Cole Information Services
	YDALLA VALLEJO	Cole Information Services
	YOLANDA SOTO	Cole Information Services
	YVETTE HONORE	Cole Information Services

FINDINGS

Year	Uses	Source
2005	14D Monge Julia Av	Hill-Donnelly Information Services
	17D H Perez Manuel AO	Hill-Donnelly Information Services
	22D Crumel Gilmore Nikia v	Hill-Donnelly Information Services
	23D Sanchez A AV	Hill-Donnelly Information Services
	4D Diaz Florentino Av	Hill-Donnelly Information Services
	9D Ortiz Luis v	Hill-Donnelly Information Services
	A Del Sakyi Nana Yaw v	Hill-Donnelly Information Services
	A Forster Paul v	Hill-Donnelly Information Services
	A Garvin Renee v	Hill-Donnelly Information Services
	A Ramirez Luls v	Hill-Donnelly Information Services
	A Sanjurjo John AV	Hill-Donnelly Information Services
	A Wiggins Glenda A	Hill-Donnelly Information Services
	Akwaboah Alexander v	Hill-Donnelly Information Services
	Andino Aracelis AV	Hill-Donnelly Information Services
	B Bobet Solsire	Hill-Donnelly Information Services
	B Correa A V	Hill-Donnelly Information Services
	B Garcia Guillermina AV	Hill-Donnelly Information Services
	B Lewis L A	Hill-Donnelly Information Services
	B Saavedra V AV	Hill-Donnelly Information Services
	B Wilson D v	Hill-Donnelly Information Services
	Billy Tamika	Hill-Donnelly Information Services
	Boakye Kwaku	Hill-Donnelly Information Services
	C Caban Lourdes	Hill-Donnelly Information Services
	C George Allsa v	Hill-Donnelly Information Services
	C Honore Yvette A	Hill-Donnelly Information Services
	C Iskowitz SMrs Av	Hill-Donnelly Information Services
	C Lopez Julia v	Hill-Donnelly Information Services
	C Mcmanus Earline AV	Hill-Donnelly Information Services
	C Mercedes Felix A	Hill-Donnelly Information Services
	C Owusu Patricia v	Hill-Donnelly Information Services
	C Pacheco Gladys v	Hill-Donnelly Information Services
	C Palmer Anna Av	Hill-Donnelly Information Services
	C Parkins Nadine v	Hill-Donnelly Information Services
	C Perichi Ettiene	Hill-Donnelly Information Services
	C Tavarez Peggy v	Hill-Donnelly Information Services
	C Vazquez John P Av	Hill-Donnelly Information Services
	Cabrera Amalia	Hill-Donnelly Information Services
	Cambell Krystal	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	Constant Cosmore v	Hill-Donnelly Information Services
	Diaz Juana	Hill-Donnelly Information Services
	E Antwi Christina v	Hill-Donnelly Information Services
	E Delgado Agustina Av	Hill-Donnelly Information Services
	E Fryar Vance	Hill-Donnelly Information Services
	E Mojica Jessica	Hill-Donnelly Information Services
	E Morety Angel v	Hill-Donnelly Information Services
	E Valentln Luz AV	Hill-Donnelly Information Services
	Esqulin Deyanira	Hill-Donnelly Information Services
	F Arnau Milagros V	Hill-Donnelly Information Services
	F Brown Kimberly R v	Hill-Donnelly Information Services
	F Cramer Bernice V	Hill-Donnelly Information Services
	F Gonzalez Elsie AV	Hill-Donnelly Information Services
	F Jackson Lynier v	Hill-Donnelly Information Services
	F Lozano Alicia An V	Hill-Donnelly Information Services
	F Roldan Carmen v	Hill-Donnelly Information Services
	Frierson Cynthia AV	Hill-Donnelly Information Services
	G Brown N M v	Hill-Donnelly Information Services
	G Godoyl Irma n	Hill-Donnelly Information Services
	G Grant Starr v	Hill-Donnelly Information Services
	G Rodriguez Luis A v	Hill-Donnelly Information Services
	G Wilson Sandra	Hill-Donnelly Information Services
	G Wise M V	Hill-Donnelly Information Services
	G Wynter Enid AV	Hill-Donnelly Information Services
	Garcia C	Hill-Donnelly Information Services
	Garcia Elliot	Hill-Donnelly Information Services
	Garcia Louis	Hill-Donnelly Information Services
	H Elllngton Lydia v	Hill-Donnelly Information Services
	H Morales MAO	Hill-Donnelly Information Services
	H Pulley Alice R Av	Hill-Donnelly Information Services
	H Rivera Michelle AV	Hill-Donnelly Information Services
	H Santos Wilfredo AV	Hill-Donnelly Information Services
	Henderson Mary v	Hill-Donnelly Information Services
	Hopkins Lisa v	Hill-Donnelly Information Services
	Hudgins S	Hill-Donnelly Information Services
	Infante Elena v	Hill-Donnelly Information Services
	Infante Josefa	Hill-Donnelly Information Services
	J Calderon Gloria v	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	J Coles Donna V	Hill-Donnelly Information Services
	J Cruz Marcelino V	Hill-Donnelly Information Services
	J Ginyard Ruth AV	Hill-Donnelly Information Services
	K Crlaco Agustin v	Hill-Donnelly Information Services
	K Famum Beverly AV	Hill-Donnelly Information Services
	K Joseph Altagracla	Hill-Donnelly Information Services
	K Ortiz Aida AV	Hill-Donnelly Information Services
	K Rodriguez Lourdes Av	Hill-Donnelly Information Services
	Lewis Monette	Hill-Donnelly Information Services
	Lugo Emillio AV	Hill-Donnelly Information Services
	Matthews L v	Hill-Donnelly Information Services
	Mcduffie Albert v	Hill-Donnelly Information Services
	Melendez Paula	Hill-Donnelly Information Services
	Multi Unit Address Afram Kwaku	Hill-Donnelly Information Services
	Nieves Luis	Hill-Donnelly Information Services
	Nunez Gladys AV	Hill-Donnelly Information Services
	Nyalko Mary	Hill-Donnelly Information Services
	Owusu C V	Hill-Donnelly Information Services
	Panizzi Angelo Av	Hill-Donnelly Information Services
	Reed Annette E	Hill-Donnelly Information Services
	Rivera Luls	Hill-Donnelly Information Services
	Robinson Alfreda Av	Hill-Donnelly Information Services
	Rodriguez Luis	Hill-Donnelly Information Services
	Rodriguz Rosa	Hill-Donnelly Information Services
	Ruemmeley Iris AV	Hill-Donnelly Information Services
	Sanjurjo Ascuncion	Hill-Donnelly Information Services
	Santos Juan	Hill-Donnelly Information Services
	St Just R v V	Hill-Donnelly Information Services
	Toro Ramon v	Hill-Donnelly Information Services
2004	AGUSTIN CIRIACO	Cole Information Services
	AGUSTINA DELGADO	Cole Information Services
	ALBERT MCDUFFIE	Cole Information Services
	ALEXANDER AKWABOAH	Cole Information Services
	ALFREDO NIEVES	Cole Information Services
	ALICE PULLEY	Cole Information Services
	ALTAGRACIA JOSEPH	Cole Information Services
	AMBROSIO MALDONADO	Cole Information Services
	AMELIA CORREA	Cole Information Services

FINDINGS

Year	Uses	Source
2004	ANGELO PANIZZI	Cole Information Services
	ANNETTE REED	Cole Information Services
	ANTONIA PEREZ	Cole Information Services
	ARIEL ORTIZ	Cole Information Services
	BEVERLY FARNUM	Cole Information Services
	C OWUSU	Cole Information Services
	CARMEN GARCIA	Cole Information Services
	CATINA RANDOLPH	Cole Information Services
	CHRISTINA ROBERTS	Cole Information Services
	CLARISSA SAMUELS	Cole Information Services
	COSMORE CONSTANT	Cole Information Services
	CRIMILDA VALENTIN	Cole Information Services
	CYNTHIA FRIERSON	Cole Information Services
	CYNTHIA OPPONG-BIOH	Cole Information Services
	DEAN NICHOLAS	Cole Information Services
	DEYANIRA ESQULIN	Cole Information Services
	DIANA COLON	Cole Information Services
	DIANA WILSON	Cole Information Services
	DONALD CRAIGWELL	Cole Information Services
	DORIS ESQUILIN	Cole Information Services
	EARLINE MCMANUS	Cole Information Services
	EBENEZER PEPRAH	Cole Information Services
	EDNA BROWN	Cole Information Services
	EDUARDO MOJICA	Cole Information Services
	ELOY SAAVEDRA	Cole Information Services
	ELSIE GONZALEZ	Cole Information Services
	ENID WYNTER	Cole Information Services
	ERALD BENJAMIN	Cole Information Services
	ETTIENE PERICHI	Cole Information Services
	EUSTACE CHRISTIANI	Cole Information Services
	EVELYN DELAVEGA	Cole Information Services
	FELIX MERCEDES	Cole Information Services
	FLORENTINO DIAZ	Cole Information Services
	FRANCISCO GOMEZ	Cole Information Services
	FRANK SOSOO	Cole Information Services
	GARY CIANCIULLI	Cole Information Services
	GARY TAYLOR	Cole Information Services
	GENOVEVA LOPEZ	Cole Information Services

FINDINGS

Year	Uses	Source
2004	GEORGE OWUSU	Cole Information Services
	GEORGE SMITH	Cole Information Services
	GLADYS PACHECO	Cole Information Services
	GLENDALY OTERO	Cole Information Services
	GLORIA CALDERON	Cole Information Services
	GUSTAVO REYES	Cole Information Services
	HAROLD BROWNE	Cole Information Services
	HYDRICK MANAIGO	Cole Information Services
	IRIS RUEMMELEY	Cole Information Services
	IRMA DIAZ	Cole Information Services
	JANIE BOBB	Cole Information Services
	JANNELL RHODES	Cole Information Services
	JARITT SANDERS	Cole Information Services
	JEWEL PETWAY	Cole Information Services
	JOHN GINORIO	Cole Information Services
	JOHN MARSHALL	Cole Information Services
	JOHN SANJURJO	Cole Information Services
	JOSE ENCARNACION	Cole Information Services
	JOSEFINA BELTRE	Cole Information Services
	JOSSETH HENRY	Cole Information Services
	JUAN RAMOS	Cole Information Services
	JUAN SANTOS	Cole Information Services
	JUANA DELORBE	Cole Information Services
	JUANA DIAZ	Cole Information Services
	JUANITA TOLBERT	Cole Information Services
	JULIA MONGE	Cole Information Services
	JULIO GARCIA	Cole Information Services
	KEITH BUSBY	Cole Information Services
	KIMBERLY BROWN	Cole Information Services
	LAURA MATTHEWS	Cole Information Services
	LEE GARVIN	Cole Information Services
	LISA HOPKINS	Cole Information Services
	LOGAN LEWIS	Cole Information Services
	LOURDES CABAN	Cole Information Services
	LOURDES RODRIGUEZ	Cole Information Services
	LUIS BENITEZ	Cole Information Services
	LUIS ORTIZ	Cole Information Services
	LUIS RAMIREZ	Cole Information Services

FINDINGS

Year	Uses	Source
2004	LYDIA ELLINGTON	Cole Information Services
	LYNIER JACKSON	Cole Information Services
	M PEREZ	Cole Information Services
	MANUELA MORALES	Cole Information Services
	MARCIA WISE	Cole Information Services
	MARK COVINGTON	Cole Information Services
	MARY JACKSON	Cole Information Services
	MICHAEL DONES	Cole Information Services
	MICHAEL GREEN	Cole Information Services
	MICHELLE RIVERA	Cole Information Services
	MILAGROS ARNAU	Cole Information Services
	NADINE PARKINS	Cole Information Services
	PAMALA THOMAS	Cole Information Services
	PAUL FORSTER	Cole Information Services
	PAULA MELENDEZ	Cole Information Services
	RAE GOODMAN	Cole Information Services
	RAFAEL INFANTE	Cole Information Services
	RAFAEL STJUST	Cole Information Services
	RAFAEL TAVAREZ	Cole Information Services
	RAMON MONTOYA	Cole Information Services
	RAMON ROMAN	Cole Information Services
	RAMON TORO	Cole Information Services
	RANDALL SANTANA	Cole Information Services
	RAYNARD GAINEY	Cole Information Services
	REGINA OSEI	Cole Information Services
	RENA ROLDAN	Cole Information Services
	ROBERT FARNUM	Cole Information Services
	RODNEY PALMER	Cole Information Services
	ROLAND DANKWAN	Cole Information Services
	RUSSELL THOMPSON	Cole Information Services
	S HUDGINS	Cole Information Services
	S LEBRON	Cole Information Services
	SAKYI DEI	Cole Information Services
	SANDRA WILSON	Cole Information Services
	SHANNON BLAKELY	Cole Information Services
	SHERON MANIGAULT	Cole Information Services
	SYLVIA ISKOWITZ	Cole Information Services
	TAMIKA BILLY	Cole Information Services

FINDINGS

Year	Uses	Source
2004	VERONICA PENY	Cole Information Services
	WANDA THOMAS	Cole Information Services
	WILFREDO SANTOS	Cole Information Services
	YOLALLA VALLEJO	Cole Information Services
	YOLANDA SOTO	Cole Information Services
	YVETTE HONORE	Cole Information Services
2000	1 EVANGELINE CEPEDA	Cole Information Services
	106 I DIAZ	Cole Information Services
	10G ALTAGRACIA JOSEPH	Cole Information Services
	11F M ZANGARA	Cole Information Services
	12C S ISKOWITZ	Cole Information Services
	12F LUIS ORTIZ	Cole Information Services
	14H RAMON MONTOYA	Cole Information Services
	15B ANNETTE E REED	Cole Information Services
	15G S LANGLEY	Cole Information Services
	16C ANGELO PANIZZI	Cole Information Services
	16E W THOMAS	Cole Information Services
	16G M WISE	Cole Information Services
	17F R CARRASQUILLO	Cole Information Services
	17H L LEWIS	Cole Information Services
	18H M MORALES	Cole Information Services
	19F R ST JUST	Cole Information Services
	2 JOSEFINA BELTRE	Cole Information Services
	20D SANDRA WILSON	Cole Information Services
	20H BONNIE AMBROSE	Cole Information Services
	21H ALICE R PULLEY	Cole Information Services
	24 MICHAEL MALDONADO	Cole Information Services
	24H MANUEL PEREZ	Cole Information Services
	24J GLORIA CALDERON	Cole Information Services
	2B A CORREA	Cole Information Services
	2B JAVIER VAZQUEZ	Cole Information Services
	2K ELEANOR GEORGE	Cole Information Services
	3H PAULA M TORRES	Cole Information Services
	3K JOSEPH MEOLA	Cole Information Services
	4C IRMA RIVERA	Cole Information Services
	5A FRANCISCO GOMEZ	Cole Information Services
	5D JOHN GINORIO	Cole Information Services
	6B JOHN SANJURO	Cole Information Services

FINDINGS

Year	Uses	Source
2000	6K LILLIAN ALBERO	Cole Information Services
	ABBA ANTWI	Cole Information Services
	AGUSTIN CIRIACO	Cole Information Services
	AGUSTINA SORIANO	Cole Information Services
	ALBA COLON	Cole Information Services
	ALBERT MC DUFFIE	Cole Information Services
	ALEXANDER AKWABOAH	Cole Information Services
	ALEXIS POPE	Cole Information Services
	ANTONIO RODRIGUEZ	Cole Information Services
	APRIL BROWN	Cole Information Services
	AUGUSTINA ABBIW	Cole Information Services
	BROWN D	Cole Information Services
	C GARCIA	Cole Information Services
	CARLOS CRUZ	Cole Information Services
	CARMEN D SANCHEZ	Cole Information Services
	CARMEN NEUREITER	Cole Information Services
	CAROLINE APPIAH	Cole Information Services
	DEXTER GHENT	Cole Information Services
	DONAYDA GORIS	Cole Information Services
	ELOY SAAVEDRA	Cole Information Services
	ELSIE GONZALEZ	Cole Information Services
	EPPY SANTANA	Cole Information Services
	ETTIENE PENCHI	Cole Information Services
	GEORGE ALISA	Cole Information Services
	GLADYS ESCOTTO	Cole Information Services
	GUILLERMINA GARCIA	Cole Information Services
	GUILLERMO LOPEZ	Cole Information Services
	IRIS RUEMMELEY	Cole Information Services
	J DAVIS	Cole Information Services
	J NICHOLAS	Cole Information Services
	JACQUELINE AYALA	Cole Information Services
	JOSEFA INFANTE	Cole Information Services
	JOSEFINA CUADRADO	Cole Information Services
	JOSEPHINE GONZALEZ	Cole Information Services
	JULIA LOPEZ	Cole Information Services
	JULIA MONGE	Cole Information Services
	JULIO BONILLA	Cole Information Services
	KEINO THOMPSON	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
2000	LAURA MATTHEWS	Cole Information Services
	LOUIS GARCIA	Cole Information Services
	LOURDES CABAN	Cole Information Services
	LOURDES RODRIGUEZ	Cole Information Services
	LUIS CAPELLAN	Cole Information Services
	LUIS NIEVES	Cole Information Services
	LYDIA ALVAREZ	Cole Information Services
	LYNIER JACKSON	Cole Information Services
	M C DE ORTIZ	Cole Information Services
	M JACKSON	Cole Information Services
	M SACCHITELLO	Cole Information Services
	MARY GONZALEZ	Cole Information Services
	MELENDEZ M LOPEZ	Cole Information Services
	MERCY KESEWAA	Cole Information Services
	MICHAEL BEST	Cole Information Services
	N M BROWN	Cole Information Services
	NAOMI GONZALEZ	Cole Information Services
	PAUL FORSTER	Cole Information Services
	PEGGY TAVARES	Cole Information Services
	QUISQUEYA JIMENEZ	Cole Information Services
	R RODRIGUEZ	Cole Information Services
	ROSALINE RODRIGUEZ	Cole Information Services
	SAKYI N DEL	Cole Information Services
	SENIOR ACTION PRGM	Cole Information Services
	SHAWANIKA GEORGE	Cole Information Services
	THELMA GOLDSBORO	Cole Information Services
	V PEAY	Cole Information Services
	V SAAVEDRA	Cole Information Services
	VASHON SCOTT	Cole Information Services
	VERLEEN GRADDICK	Cole Information Services
	YEUNG LO	Cole Information Services
1999	SENIOR ACTION PROGRAM	Cole Information Services
1994	ALBERO, LILLIAN	Cole Information Services
	AMBROSE, BONNIE	Cole Information Services
	APPIAH, CAROLINE	Cole Information Services
	ARTIS, BERNADETTE	Cole Information Services
	ARTIS, RICHARD	Cole Information Services
	BODRICK, CLARA	Cole Information Services

FINDINGS

Year	Uses	Source
1994	BRANDOFF, R	Cole Information Services
	BROWN, NICOLE	Cole Information Services
	BURNETT, D A	Cole Information Services
	CARRASQUILLO, R	Cole Information Services
	CINTRON, M	Cole Information Services
	CONDE, JUAN	Cole Information Services
	CORREA, A	Cole Information Services
	CRISTOFERO, NICHOLAS	Cole Information Services
	CUMMINGS, M	Cole Information Services
	DELGADO, ELIZABETH	Cole Information Services
	DIAZ, LEVI	Cole Information Services
	DIAZ, REINALDO	Cole Information Services
	DIAZ, REINALDO DANIEL	Cole Information Services
	FARNUM, BEVERLY	Cole Information Services
	FARQUHARSON, ETHELINE	Cole Information Services
	FLOOD, L	Cole Information Services
	FORTUNE, S	Cole Information Services
	FORTYZ, AIDA	Cole Information Services
	GARCIA, C	Cole Information Services
	GARCIA, GUILLERMINA	Cole Information Services
	GOMEZ, M	Cole Information Services
	GONZALEZ, ELSIE	Cole Information Services
	GORIS, DONAYDA	Cole Information Services
	HINDS, SHARON	Cole Information Services
	HOBBS, E	Cole Information Services
	JOSEPH, ALTAGRACIA	Cole Information Services
	KENDRICKS, GERALDINE	Cole Information Services
	LEWIS, L	Cole Information Services
	LO, YEUNG	Cole Information Services
	LOGAN, GEORGIA	Cole Information Services
	LOPEZ MELENDEZ, MARIA	Cole Information Services
	LOPEZ, JULIA	Cole Information Services
	MALDONADO, MICHAEL	Cole Information Services
	MEOLA, JOSEPH	Cole Information Services
	MUSA, HUSAINI	Cole Information Services
	NORRIS, JERRY	Cole Information Services
	NOSE, MISAO	Cole Information Services
	OSAFO, DAVID N	Cole Information Services

FINDINGS

Year	Uses	Source
1994	PAGAN, JOSE	Cole Information Services
	PEAY, V	Cole Information Services
	PEREZ, MANUEL	Cole Information Services
	PERICHI, ETTIENE	Cole Information Services
	PULLEY, ALICE R	Cole Information Services
	RAMOS, A	Cole Information Services
	RAMOS, JUAN	Cole Information Services
	RIVERA, IRMA	Cole Information Services
	RODRIGUEZ, LOURDES	Cole Information Services
	RODRIGUEZ, MISAEL	Cole Information Services
	RODRIGUEZ, SANDRA	Cole Information Services
	RUEMMELEY, IRIS	Cole Information Services
	SAAVEDRA, ELOY	Cole Information Services
	SABB, T	Cole Information Services
	SACCHITELLO, MILDRED	Cole Information Services
	SANSONE, MILDRED	Cole Information Services
	SANTANA, EPPY	Cole Information Services
	SENIOR ACTION PROGRAM	Cole Information Services
	ST JUST, R	Cole Information Services
	TAYLOR, M	Cole Information Services
	THOMAS, W	Cole Information Services
	TORRES, PAULA MURIEL	Cole Information Services
	VASQUEZ, A	Cole Information Services
	VAZQUEZ, JAVIER	Cole Information Services
	VEGERANO, JOSE, III	Cole Information Services
	VELEZ, MARGARITA	Cole Information Services
	VERGARA, L	Cole Information Services
	VILLOT, NARCISO	Cole Information Services
	WILSON, SANDRA	Cole Information Services
	WISE, M	Cole Information Services
	ZANGARA, M	Cole Information Services
1993	ACOSTA Carlos	New York Telephone
	ALBERO LILLIAN	New York Telephone
	AMBROSE BONNIE	New York Telephone
	APPIAH Caroline	New York Telephone
	ARTIS RICHARD	New York Telephone
	BLASCO ANGELICA	New York Telephone
	BODRICK Clara	New York Telephone

FINDINGS

Year	Uses	Source
1993	BRANDOFF R	New York Telephone
	BURNETT D A	New York Telephone
	CARRASQUILLO FELIX	New York Telephone
	COLLINS LIZZIE	New York Telephone
	CORREA A	New York Telephone
	CRISTOFERO NICHOLAS	New York Telephone
	CUMMINGS M	New York Telephone
	DELGADO ELIZABETH	New York Telephone
	DIAZ P	New York Telephone
	DIAZ REINALDO	New York Telephone
	FARNUM BEVERLY	New York Telephone
	FARQUHARSON Etheline	New York Telephone
	FLOOD L	New York Telephone
	FORTUNE S	New York Telephone
	FORTYZ AIDA	New York Telephone
	GARCIA Efrain	New York Telephone
	GARCIA GUILLERMINA	New York Telephone
	GOMEZ M	New York Telephone
	GONZALEZ ELSIE	New York Telephone
	IRIZZARY L	New York Telephone
	JOSEPH ALTAGRACIA	New York Telephone
	KENDRICKS GERALDINE	New York Telephone
	LEWIS L	New York Telephone
	LO YEUNG	New York Telephone
	LOGAN GEORGIA	New York Telephone
	LOPEZ JULIA	New York Telephone
	LOPEZ MELENDEZ Maria	New York Telephone
	MALDONADO MICHAEL	New York Telephone
	MEOLA JOSEPH	New York Telephone
	NOSE MISAO MRS	New York Telephone
	PADILLA JUAN ROMERO	New York Telephone
	PAGAN Joan	New York Telephone
	PEAY V	New York Telephone
	PERAZA PEDRO	New York Telephone
	PEREZ MANUEL	New York Telephone
	PERICHI ETTIENE	New York Telephone
	PORTORREAL Mirta	New York Telephone
	PULLEY ALICE R	New York Telephone

FINDINGS

Year	Uses	Source
1993	RAMOS JUAN	New York Telephone
	RICHARDSON K	New York Telephone
	RIVERA Irma	New York Telephone
	RODRIGUEZ LOURDES	New York Telephone
	RODRIGUEZ MISAEL	New York Telephone
	RODRIGUEZ OLGA	New York Telephone
	RUEMMELEY IRIS	New York Telephone
	SAAVEDRA Eloy	New York Telephone
	SACCHITELLO MILDRED MRS	New York Telephone
	SANSONE MILDRED	New York Telephone
	SANTANA EPPY	New York Telephone
	SENIOR ACTION PROGRAM	New York Telephone
	TAYLOR H	New York Telephone
	TAYLOR M	New York Telephone
	TORRES PAULA MURIEL	New York Telephone
	VALENTIN Jacqueline	New York Telephone
	VASQUEZ A	New York Telephone
	VERGARA L	New York Telephone
	VILLOT NARCISO	New York Telephone
	WILLIAMS H A	New York Telephone
	WISE M	New York Telephone
	ZANGARA M	New York Telephone
1983	BACOTE B J	New York Telephone
	BARON CAROLINE	New York Telephone
	BELL L	New York Telephone
	BELL LORAY	New York Telephone
	BELLUCCO LOUIS	New York Telephone
	BLASCO ANGELICA	New York Telephone
	BUTO A	New York Telephone
	CARRASQUILLO FELIX	New York Telephone
	COLON MARGARITA	New York Telephone
	CONCEPCION ISMAEL	New York Telephone
	COOPER WILLIAM G	New York Telephone
	CORCINO YVETTE & OMAN	New York Telephone
	CRISPIN A	New York Telephone
	CRISTOFERO NICHOLAS	New York Telephone
	CRUZ FLORENCE MRS	New York Telephone
	CULEK R	New York Telephone

FINDINGS

Year	Uses	Source
1983	CUMMINGS M	New York Telephone
	DELANNOY GLADYS	New York Telephone
	DIAZ CATALINA	New York Telephone
	DIAZ REYNALDO	New York Telephone
	FALZONE SINAI	New York Telephone
	FLOOD L	New York Telephone
	FORTUNE S	New York Telephone
	FRANKLIN S	New York Telephone
	GAMBON LORRAINE	New York Telephone
	GARRISON JESSIE	New York Telephone
	GIANFORTUNE FRANCES	New York Telephone
	GONZALEZ ELSIE	New York Telephone
	GOODING ALMA	New York Telephone
	JOHNSON MICHAEL VAN	New York Telephone
	LARSON MATILDA MRS	New York Telephone
	LEE OLLIE MRS	New York Telephone
	LEON EARL	New York Telephone
	MARTIN ALEX	New York Telephone
	MARTIN B D	New York Telephone
	MCDADE M	New York Telephone
	MCDUFFIE F	New York Telephone
	MELENDEZ CARMELO	New York Telephone
	MELENDEZ PEDRO	New York Telephone
	MENDEZ A	New York Telephone
	MEOLA JOSEPH	New York Telephone
	MOY FONG S	New York Telephone
	MUNOZ C	New York Telephone
	NAZARIO J L	New York Telephone
	PAPPAS KATHERINE	New York Telephone
	PEREZ M	New York Telephone
	POWELL S P	New York Telephone
	PULLEY ALICE R	New York Telephone
	RAMOS ANTONIO	New York Telephone
	RAMOS JUAN	New York Telephone
	RAMOS ROSALIND	New York Telephone
	RAMSEY L	New York Telephone
	RESTO VICTOR N	New York Telephone
	RODRIGUEZ FRANK	New York Telephone

Year	Uses	Source
1983	RODRIGUEZ MISAEL	New York Telephone
	ROSS J	New York Telephone
	SACCHI RAY	New York Telephone
	SACCHI T	New York Telephone
	SANSONE MILDRED	New York Telephone
	SANTIAGO E	New York Telephone
	SINGLETARY VENUS	New York Telephone
	SINGLETON WILLIE	New York Telephone
	SKINNER WILLIAM E JR	New York Telephone
	SOSA WILMA	New York Telephone
	STRICKLAND CORA MRS	New York Telephone
	TAYLOR GLAD	New York Telephone
	TIRADO LOUIS	New York Telephone
	TORRES PAULA MURIEL	New York Telephone
	VEGA D	New York Telephone
	VILLANUEVA RUBEN	New York Telephone
	WACHTEL E	New York Telephone
	WILLIAMS CLIVE	New York Telephone
	WILLIAMS H A	New York Telephone
	WINTERS ANITA MRS	New York Telephone
	WISE M	New York Telephone
	ZANGARA M	New York Telephone

LAFAYETTEE AVE

1850 LAFAYETTEE AVE

Year	Uses	Source
1993	GORING Donayda	New York Telephone

LAFYTE AVE

1850 LAFYTE AVE

Year	Uses	Source
1993	ALBERO Lillian	New York Telephone
	ARTIS Richard	New York Telephone
	CARRASQUILLO Felix	New York Telephone
	CRISTOFERO Nicholas	New York Telephone
	CUMMINGS M	New York Telephone
	FLOOD L	New York Telephone

FINDINGS

Year	Uses	Source
1993	FORTUNE S	New York Telephone
	GOMEZ M	New York Telephone
	GONZALEZ Elsie	New York Telephone
	LEWIS L	New York Telephone
	LO Yeung	New York Telephone
	LOGAN Georgia	New York Telephone
	MEOLA Joseph	New York Telephone
	PERAZA Pedro	New York Telephone
	PEREZ Manuel	New York Telephone
	PULLEY Alice R	New York Telephone
	RAMOS Juan	New York Telephone
	RODRIGUEZ Misael	New York Telephone
	SACCHITELLO Mildred Mrs	New York Telephone
	SANSONE Mildred	New York Telephone
	TAYLOR M	New York Telephone
	VASQUEZ A	New York Telephone
	VILLOT Narciso	New York Telephone
	WILLIAMS H A	New York Telephone
	WISE M	New York Telephone
	ZANGARA M	New York Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

LAFAYETTE AVE

1855 LAFAYETTE AVE

Year	Uses	Source
1983	CUEVES RAQUEL	New York Telephone

1861 LAFAYETTE AVE

Year	Uses	Source
2017	MIGUEL CASIANO	Cole Information Services
	ANA ROSARIO	Cole Information Services
2014	ANA VENTURA	Cole Information Services
	KATHERINE CROSS	Cole Information Services
2009	C GARCIA	Cole Information Services
	CARMEN CASIANO	Cole Information Services
	TAMIK RODRIGUEZ	Cole Information Services
	IVAN VAZQUEZ	Cole Information Services
2005	Garcia C	Hill-Donnelly Information Services
2004	LUIS TEJADA	Cole Information Services
	WESLEY LEON	Cole Information Services
	CARMEN CASIANO	Cole Information Services
	IVAN VAZQUEZ	Cole Information Services
1994	CASIANO, MIGUEL	Cole Information Services
	TEJADA, LUIS	Cole Information Services
1993	TEJADA LUIS	New York Telephone
	CASIANO MIGUEL	New York Telephone
	TEJADA Luis	New York Telephone
	CASIANO Miguel	New York Telephone

1863 LAFAYETTE AVE

Year	Uses	Source
2017	ALICIA FLAKES	Cole Information Services
	LOUIS MACK	Cole Information Services
	CHESTER SIMON	Cole Information Services
	MIGUEL BURGOS	Cole Information Services
2014	LOUIS MACK	Cole Information Services

FINDINGS

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
	ALICIA FLAKES	Cole Information Services
	DEBORAH RIVERA	Cole Information Services
	MIGUEL BURGOS	Cole Information Services
2009	LOUIS MACK	Cole Information Services
	ALICIA FLAKES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2005	H Montgomery K L r	Hill-Donnelly Information Services
	Flakes AA A	Hill-Donnelly Information Services
2004	ALICIA FLAKES	Cole Information Services
	KEVIN MONTGOMERY	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	DANIELS, R	Cole Information Services
1993	DANIELS R	New York Telephone
	DANIELS R	New York Telephone

LELAND AVE

810 LELAND AVE

Year	Uses	Source
1931	Streicher Albert	Manhattan and Bronx Directory Publishing Company Residential Directory

THERIOT AVE

800 THERIOT AVE

Year	Uses	Source
1993	HENDERSON DOLORES	New York Telephone
	BELGRAVE ROY	New York Telephone
	WILLIAMS SERENA	New York Telephone
1983	OLMO FRANK	New York Telephone
	GOODMAN ROSEMARY	New York Telephone

808 THERIOT AVE

Year	Uses	Source
1976	GOODMOND THADDEUS	New York Telephone Company

FINDINGS

THIERIOT AVE

800 THIERIOT AVE

Year	Uses	Source
1993	HENDERSON Dolores	New York Telephone
	BELGRAVE Roy	New York Telephone
	WILLIAMS Serena	New York Telephone
1971	HENDERSON ANNIE	New York Telephone

808 THIERIOT AVE

Year	Uses	Source
1971	DELIZ LOUIS A	New York Telephone

THIERIOT AVENUE AVE

800 THIERIOT AVENUE AVE

Year	Uses	Source
1983	JOHNSON CHARLOTTE	New York Telephone

802 THIERIOT AVENUE AVE

Year	Uses	Source
1976	EBNER WILLIAM MD	New York Telephone Company

THIERIOT STREET AVE

801 THIERIOT STREET AVE

Year	Uses	Source
1961	COLMAR CONST CO	New York Telephone

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1855 LAFAYETTE AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1994, 1993, 1976, 1971, 1965, 1961, 1956, 1949, 1940, 1931, 1927
1861 LAFAYETTE AVE	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1983, 1976, 1971, 1965, 1961, 1956, 1949, 1940, 1931, 1927
1861 LAFAYETTE AVE	2005, 2000, 1999, 1993, 1983, 1976, 1971, 1965, 1961, 1956, 1949, 1940, 1931, 1927
1863 LAFAYETTE AVE	2005, 2000, 1993, 1983, 1976, 1971, 1965, 1961, 1956, 1949, 1940, 1931, 1927
1863 LAFAYETTE AVE	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1983, 1976, 1971, 1965, 1961, 1956, 1949, 1940, 1931, 1927
800 THERIOT AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1994, 1976, 1971, 1965, 1961, 1956, 1949, 1940, 1931, 1927
800 THIERIOT AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1994, 1983, 1976, 1965, 1961, 1956, 1949, 1940, 1931, 1927
800 THIERIOT AVENUE AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1994, 1993, 1976, 1971, 1965, 1961, 1956, 1949, 1940, 1931, 1927
801 THIERIOT STREET AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1994, 1993, 1983, 1976, 1971, 1965, 1956, 1949, 1940, 1931, 1927
802 THIERIOT AVENUE AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1994, 1993, 1983, 1971, 1965, 1961, 1956, 1949, 1940, 1931, 1927
808 THERIOT AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1994, 1993, 1983, 1971, 1965, 1961, 1956, 1949, 1940, 1931, 1927
808 THIERIOT AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1994, 1993, 1983, 1976, 1965, 1961, 1956, 1949, 1940, 1931, 1927
810 LELAND AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1994, 1993, 1983, 1976, 1971, 1965, 1961, 1956, 1949, 1940, 1927

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
1850 Lafayette Ave	1976, 1971, 1965, 1961, 1956, 1949, 1940, 1931, 1927

Stevenson Commons

1850 Lafayette Ave

Bronx, NY 10473

Inquiry Number: 6143661.3

August 05, 2020

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

08/05/20

Site Name:

Stevenson Commons
1850 Lafayette Ave
Bronx, NY 10473
EDR Inquiry # 6143661.3

Client Name:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716
Contact: Jason Scalora

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Impact Environmental were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 25E3-466B-97AA

PO # 13453

Project Stevenson Commons

Maps Provided:

2007	1996	1981	1898
2006	1995	1978	
2005	1993	1977	
2004	1992	1969	
2003	1991	1950	
2002	1989	1928	
2001	1986	1919	
1998	1983	1908	

Sanborn® Library search results

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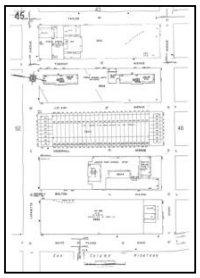
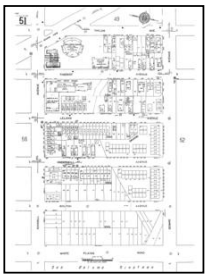
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2007 Source Sheets


Volume 17, Sheet 45
2007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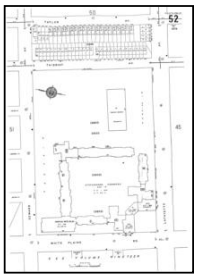
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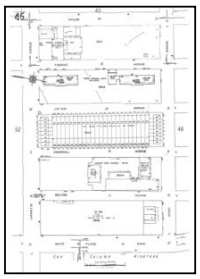
2007

2006 Source Sheets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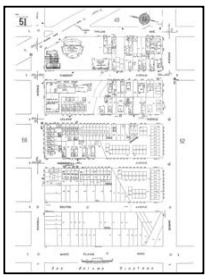
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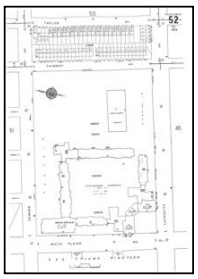
2006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2006

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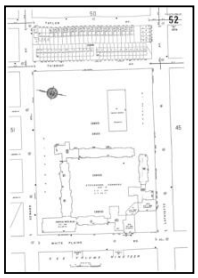
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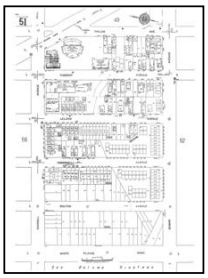
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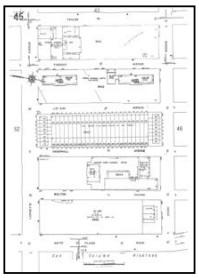
2005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2005

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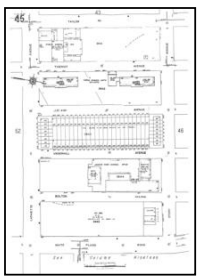
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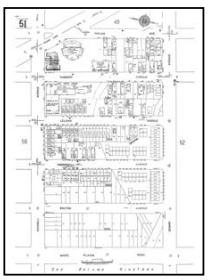
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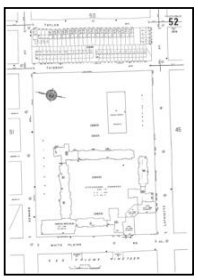
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Sanborn Sheet Key

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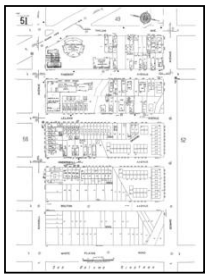
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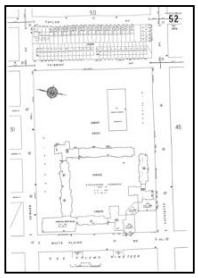
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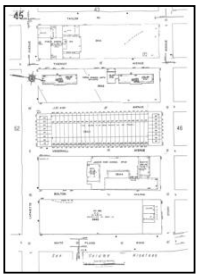
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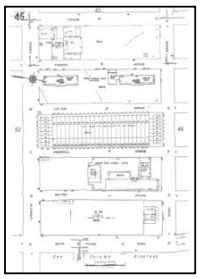
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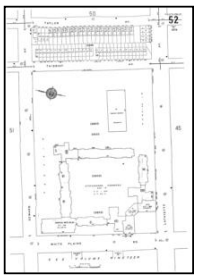
2002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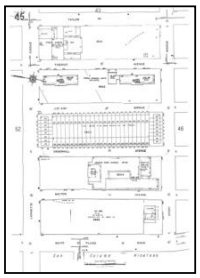
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2001

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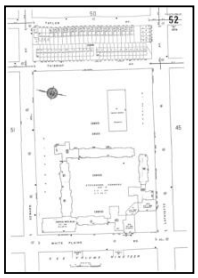
2001


Volume 17, Sheet 52
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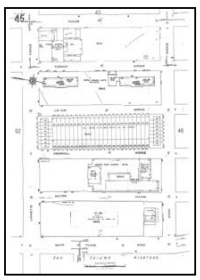
1998 Source Sheets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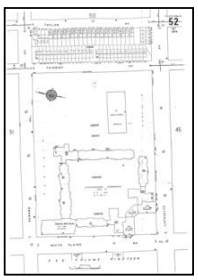
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1998

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1996 Source Sheets

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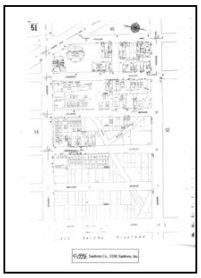
1996



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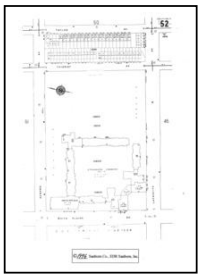

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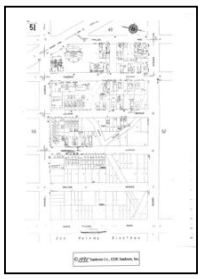

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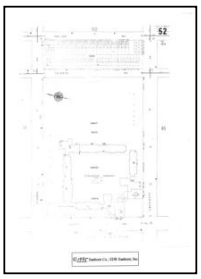

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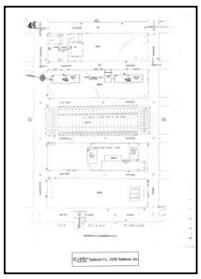

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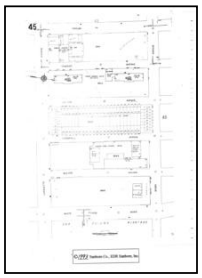
1995

1993 Source Sheets



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1993

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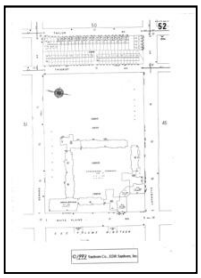

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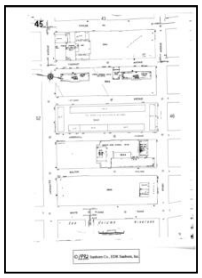
1992 Source Sheets



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1992

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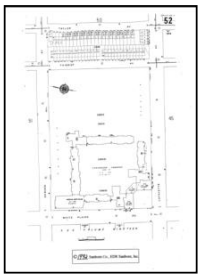
1992



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1992

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1991 Source Sheets

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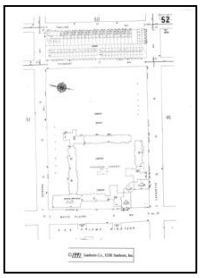
1991



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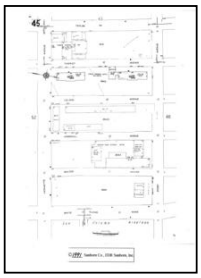

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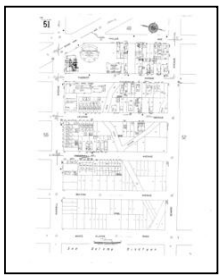
1991

1989 Source Sheets



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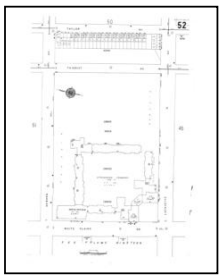

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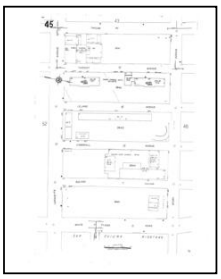

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1989

1986 Source Sheets

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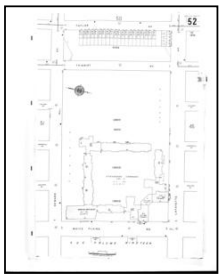

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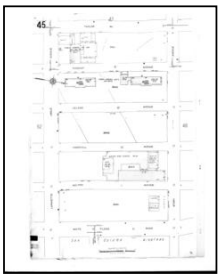

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1986

1983 Source Sheets

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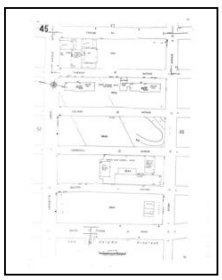

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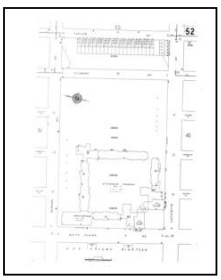

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1983

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

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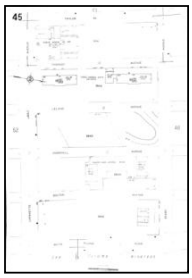

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1981

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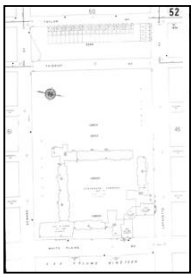
1981



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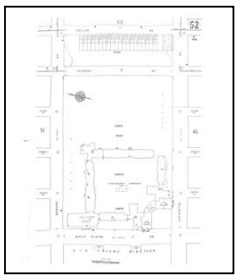
1978 Source Sheets



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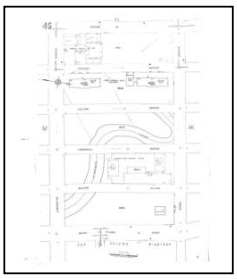

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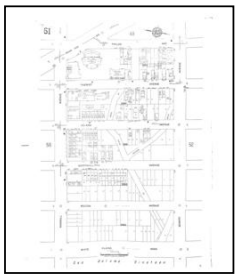
1978

1977 Source Sheets



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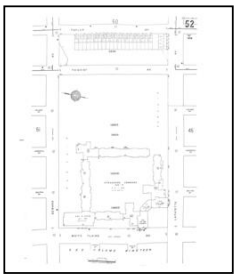

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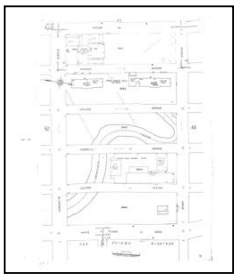

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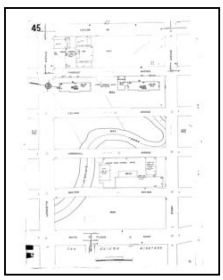
1969 Source Sheets



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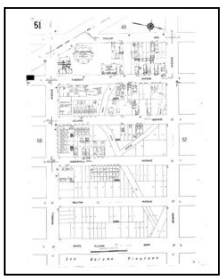
1969



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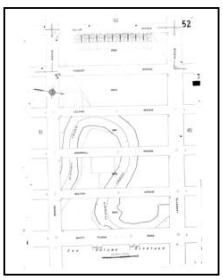
1969



Volume 17, Sheet 52
1969

Sanborn Sheet Key

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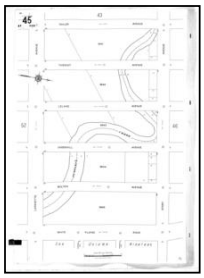
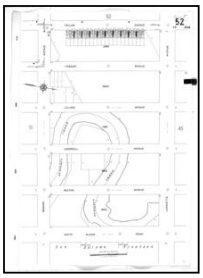
1950 Source Sheets


Volume 17, Sheet 45
1950

Volume 17, Sheet 51
1950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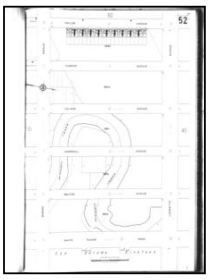
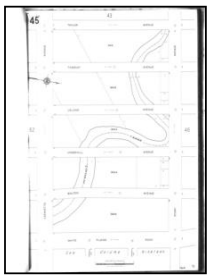
1950

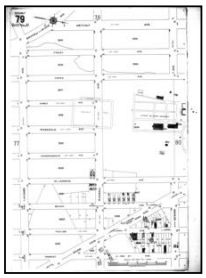
1928 Source Sheets

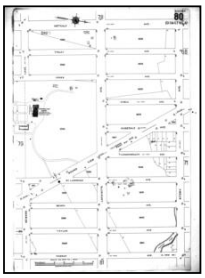
Volume 17, Sheet 51
1928

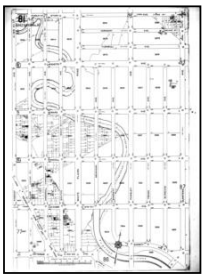

Volume 17, Sheet 52
1928


Volume 17, Sheet 45
1928

1919 Source Sheets


Volume 17, Sheet 79
1919


Volume 17, Sheet 80
1919


Volume 17, Sheet 81
1919

1908 Source Sheets

Volume A, Sheet 51
1908

Sanborn Sheet Key

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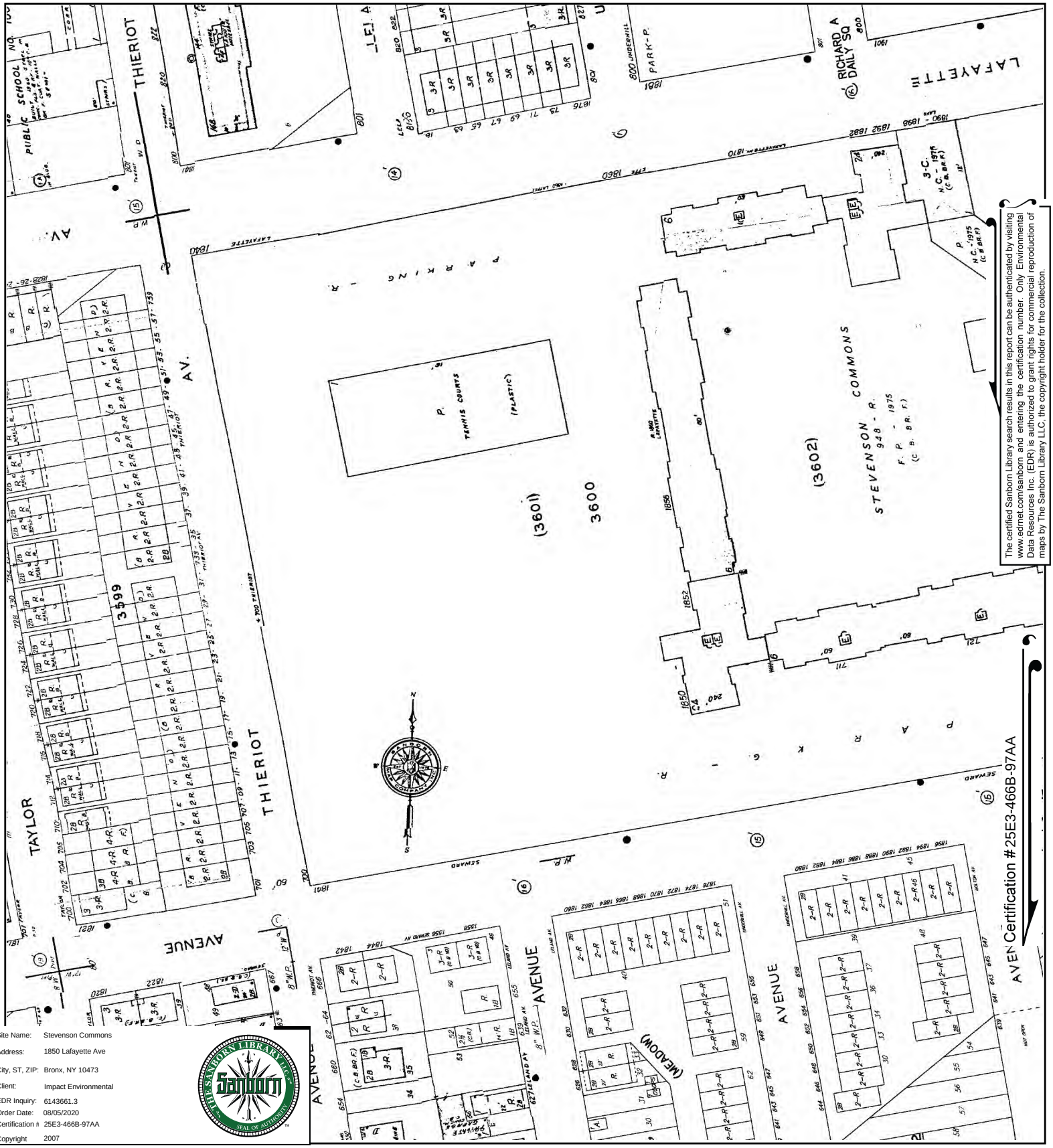
1898 Source Sheets

Volume A, Sheet 51
1898



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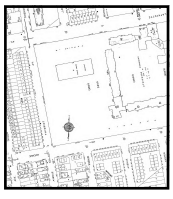

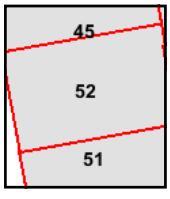

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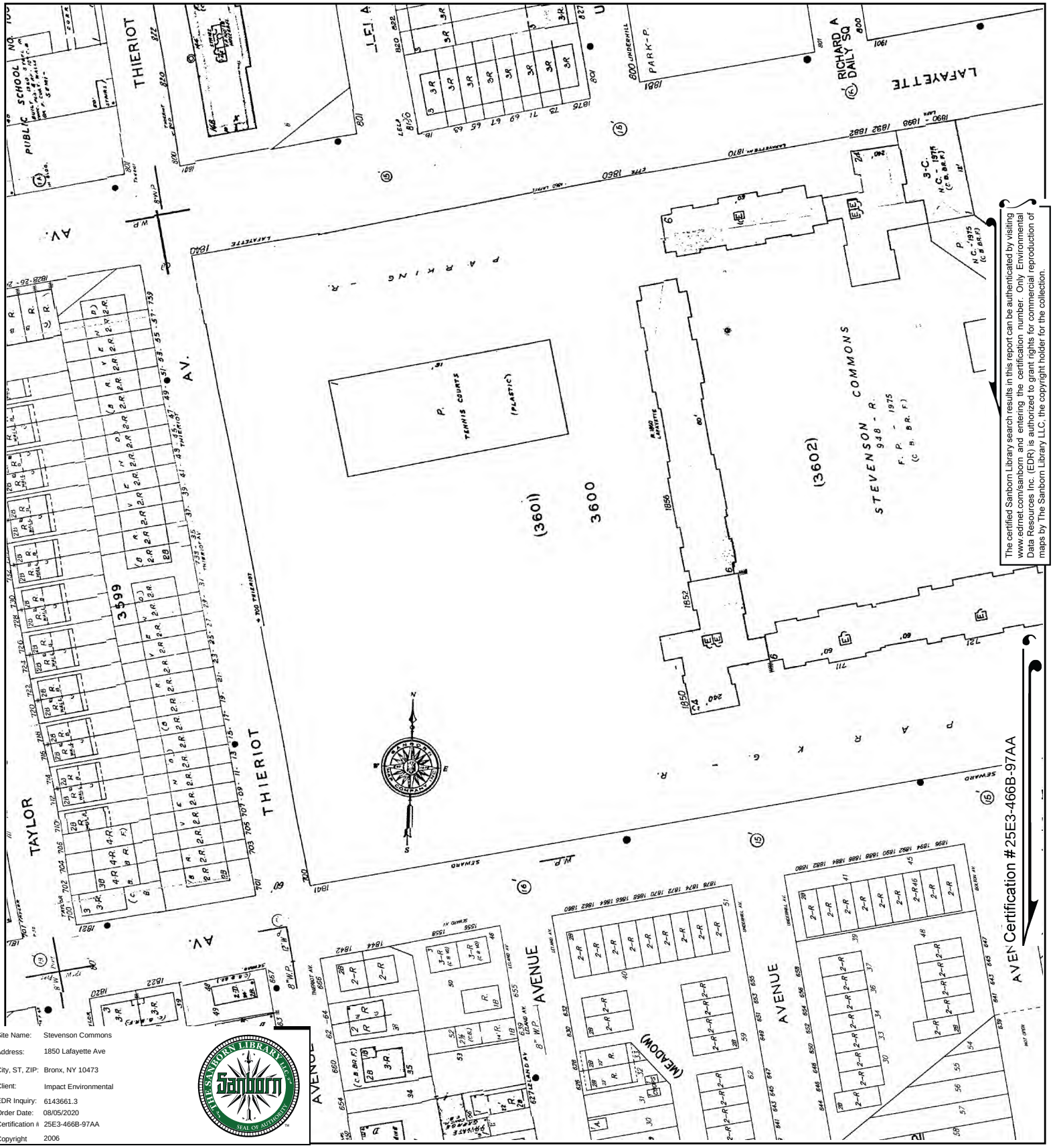
Volume 17, Sheet 45

0 Feet 150 300 600



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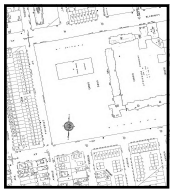

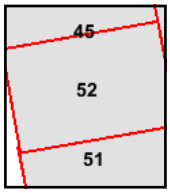

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Volume 17, Sheet 45

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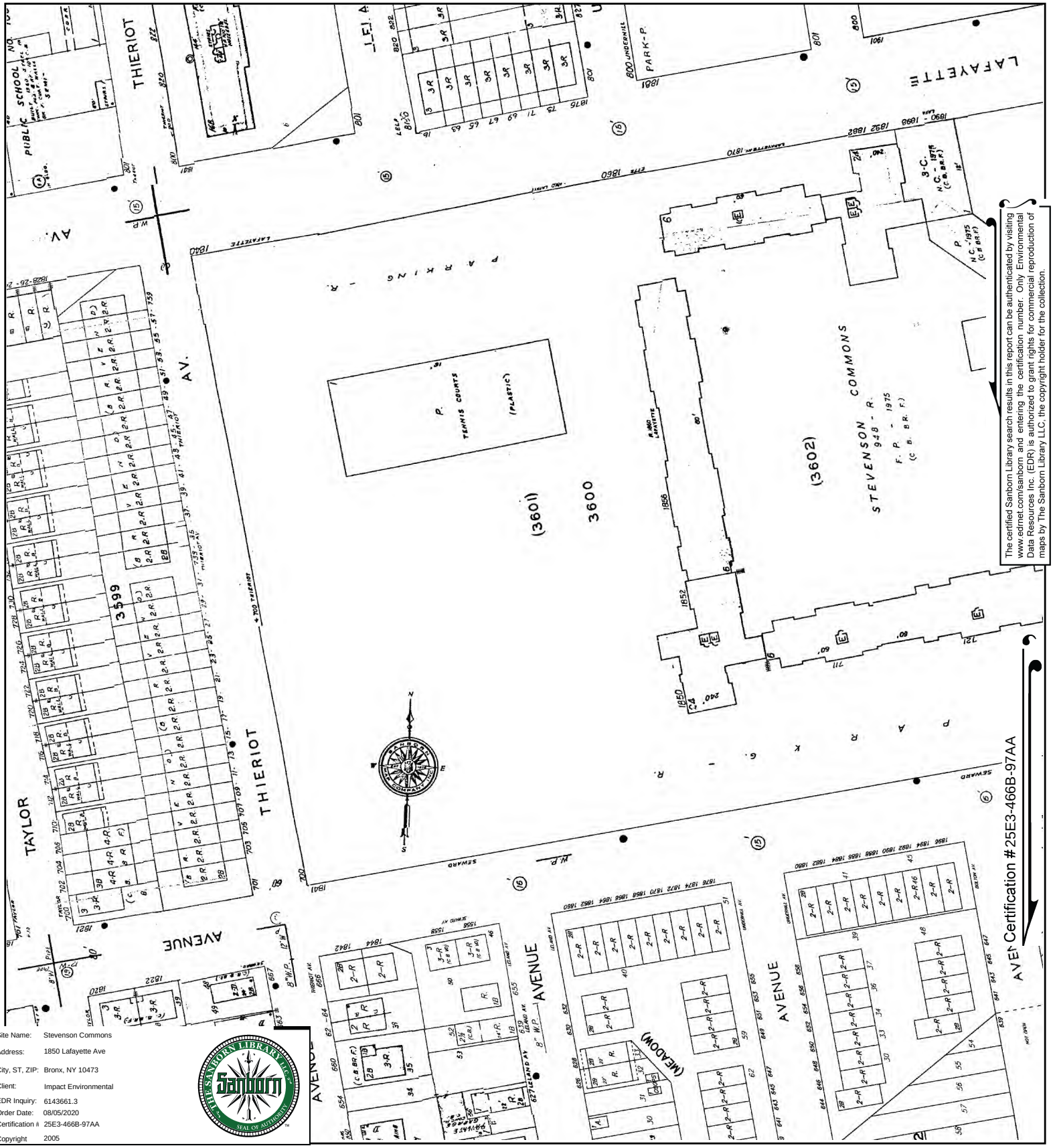

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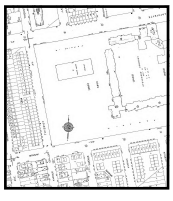

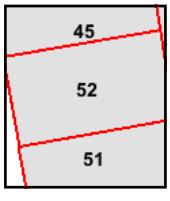

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Volume 17, Sheet 52

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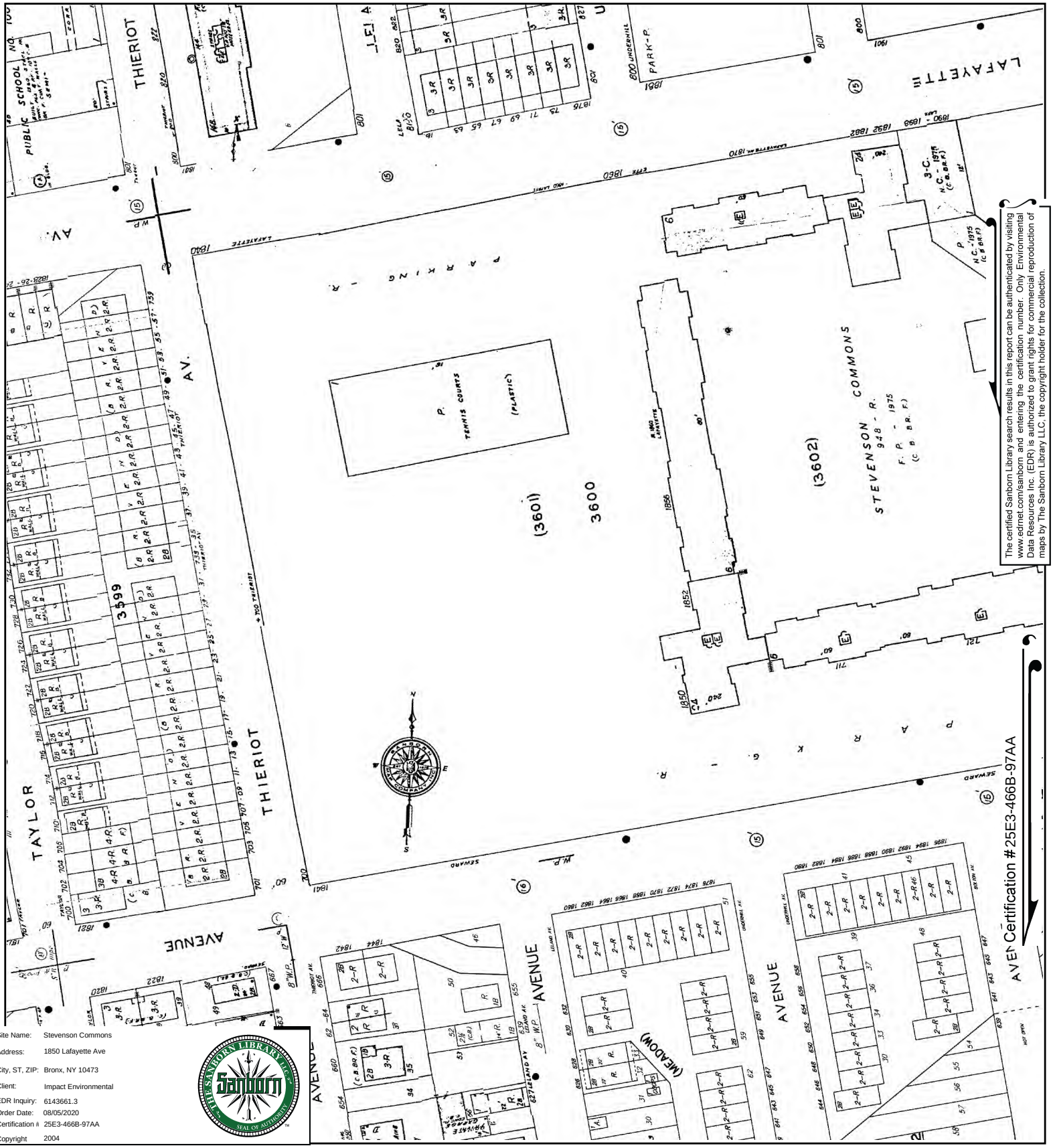

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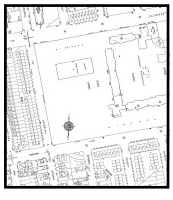

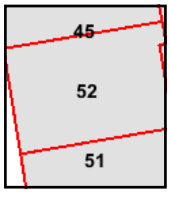

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Volume 17, Sheet 45

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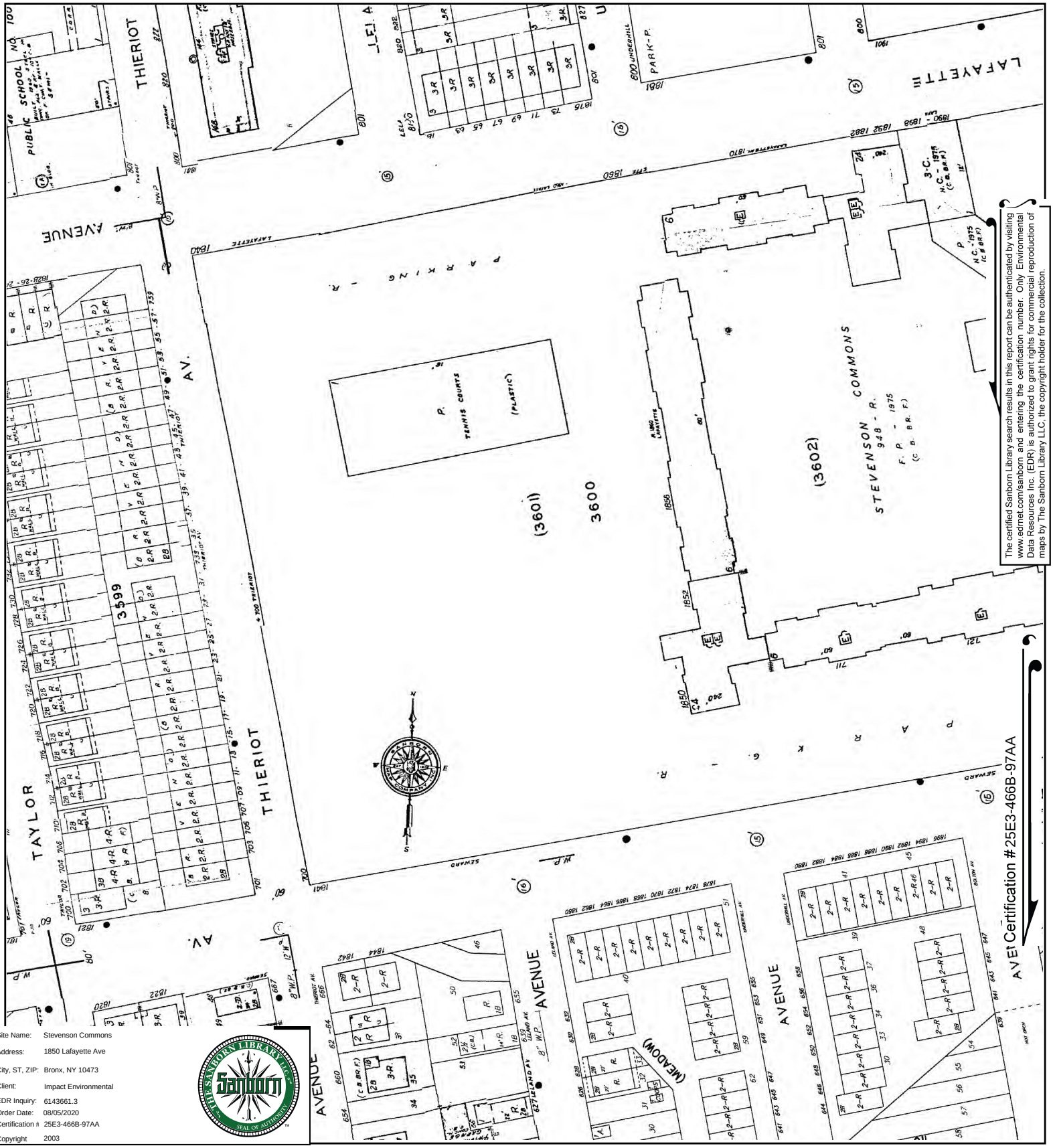

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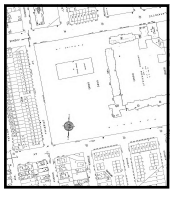

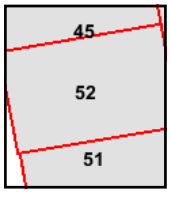

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Volume 17, Sheet 51

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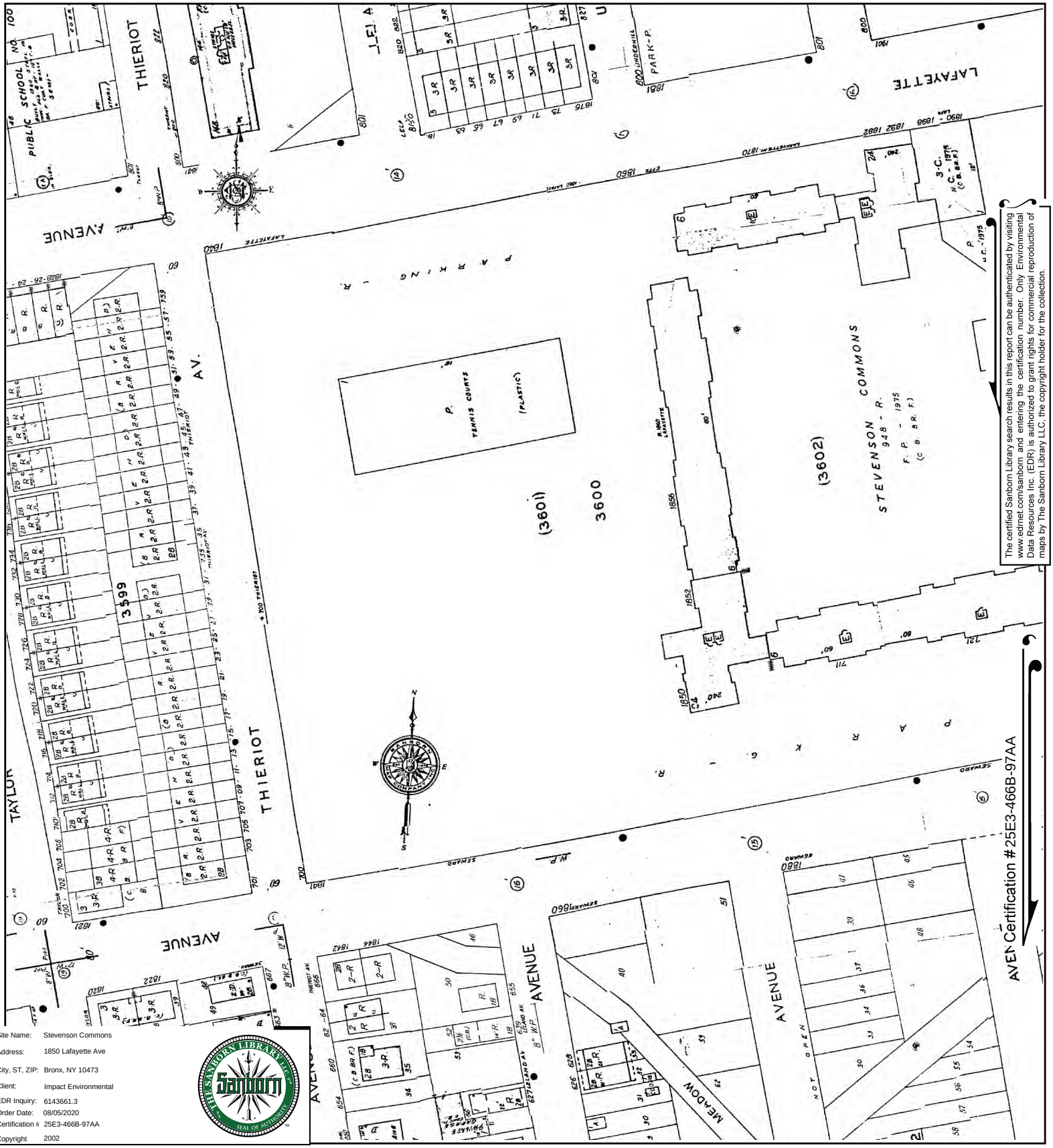

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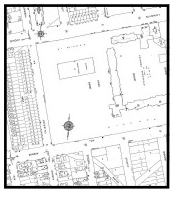

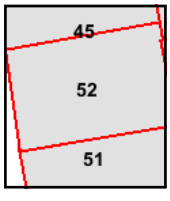

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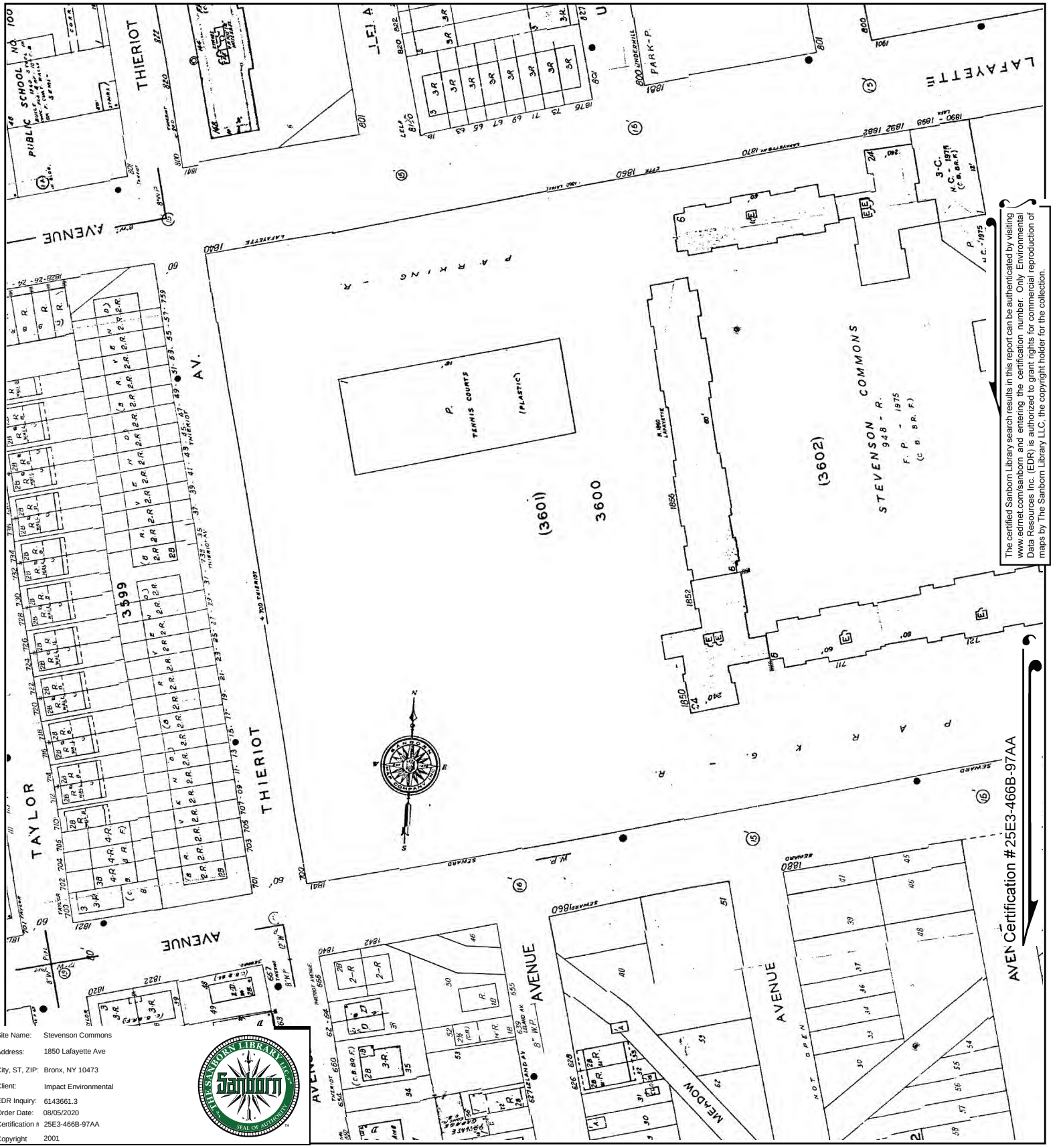

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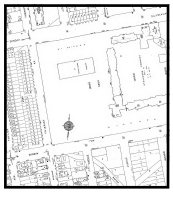

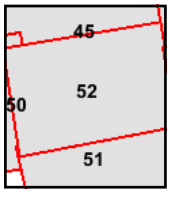

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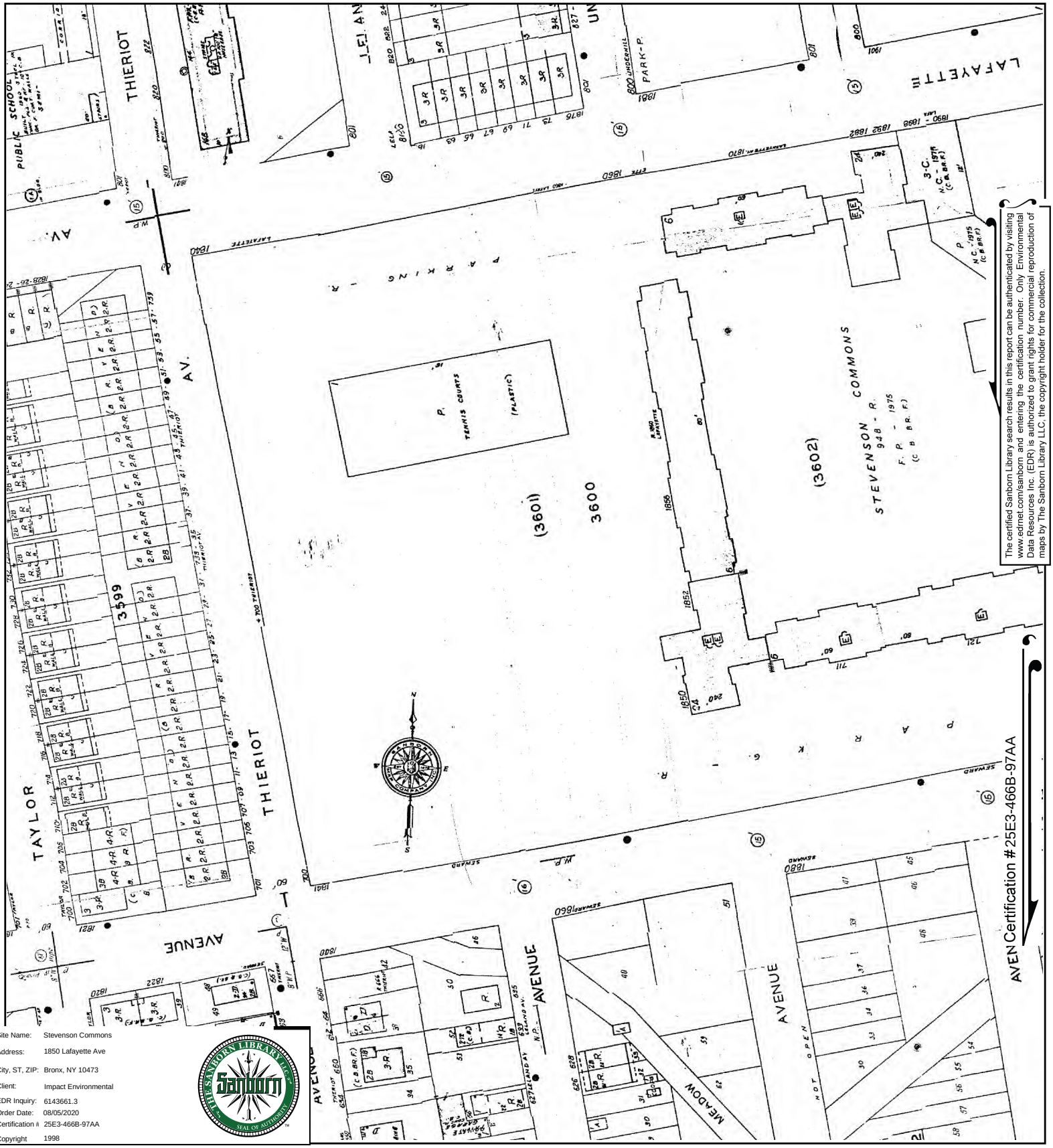

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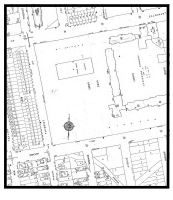

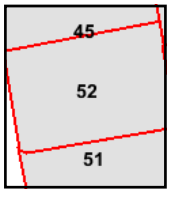

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Volume 17, Sheet 51
Volume 17, Sheet 45

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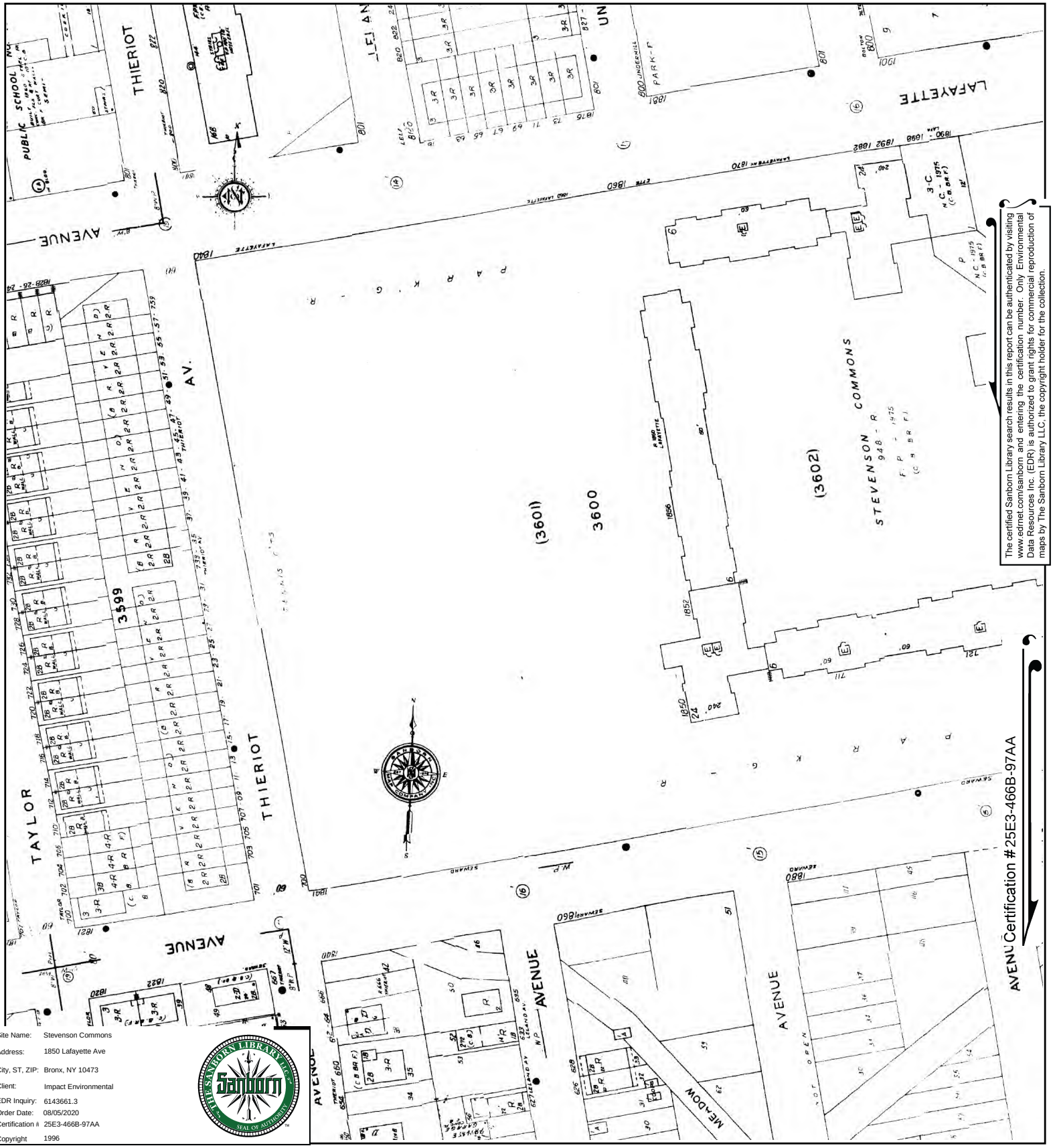

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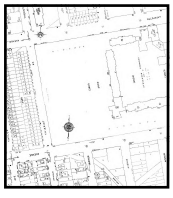

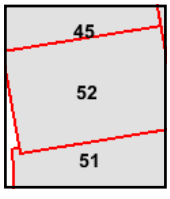

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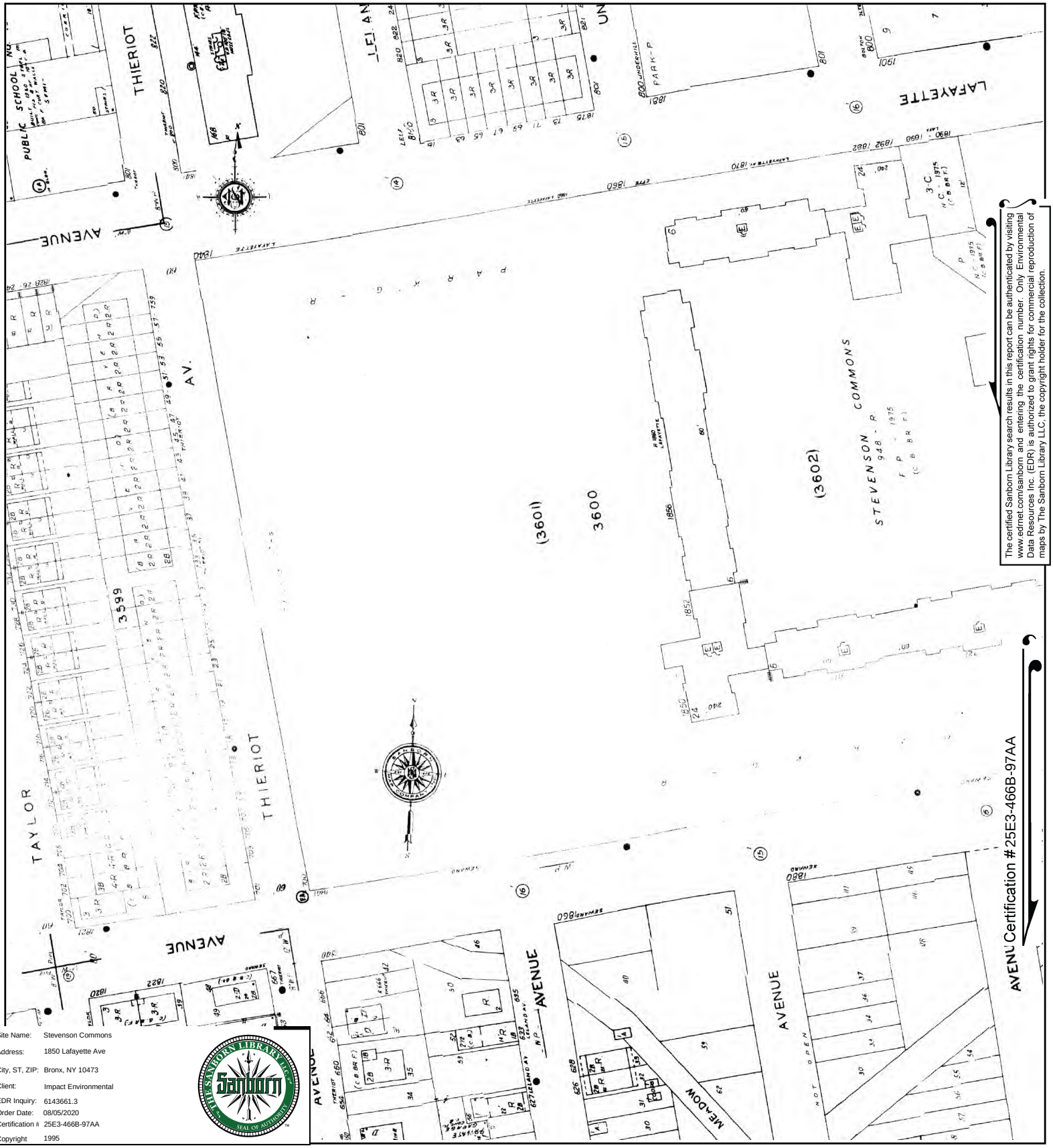

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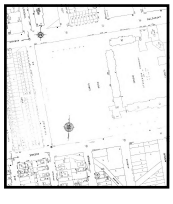

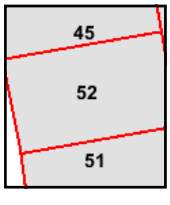

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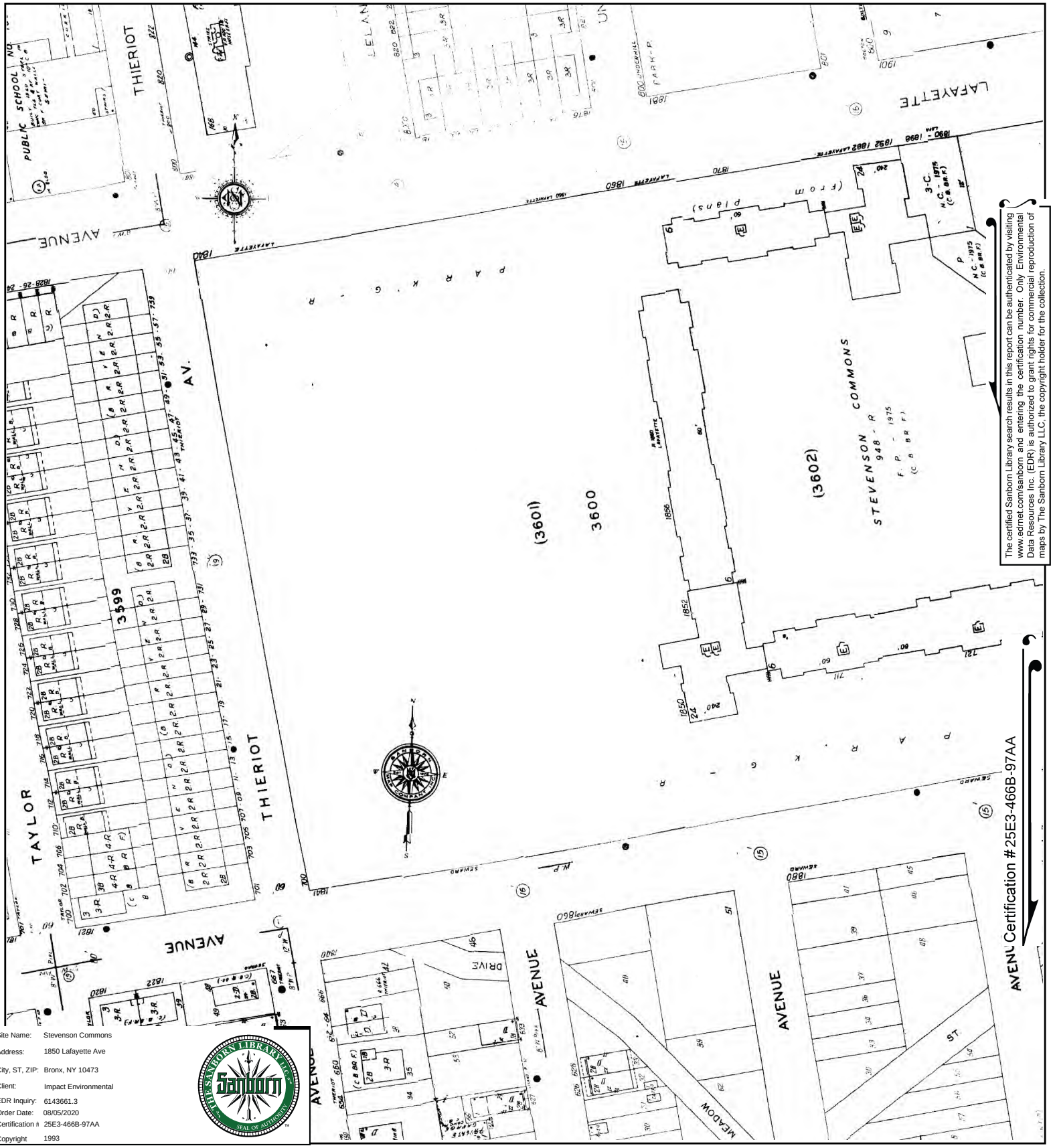

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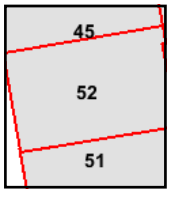

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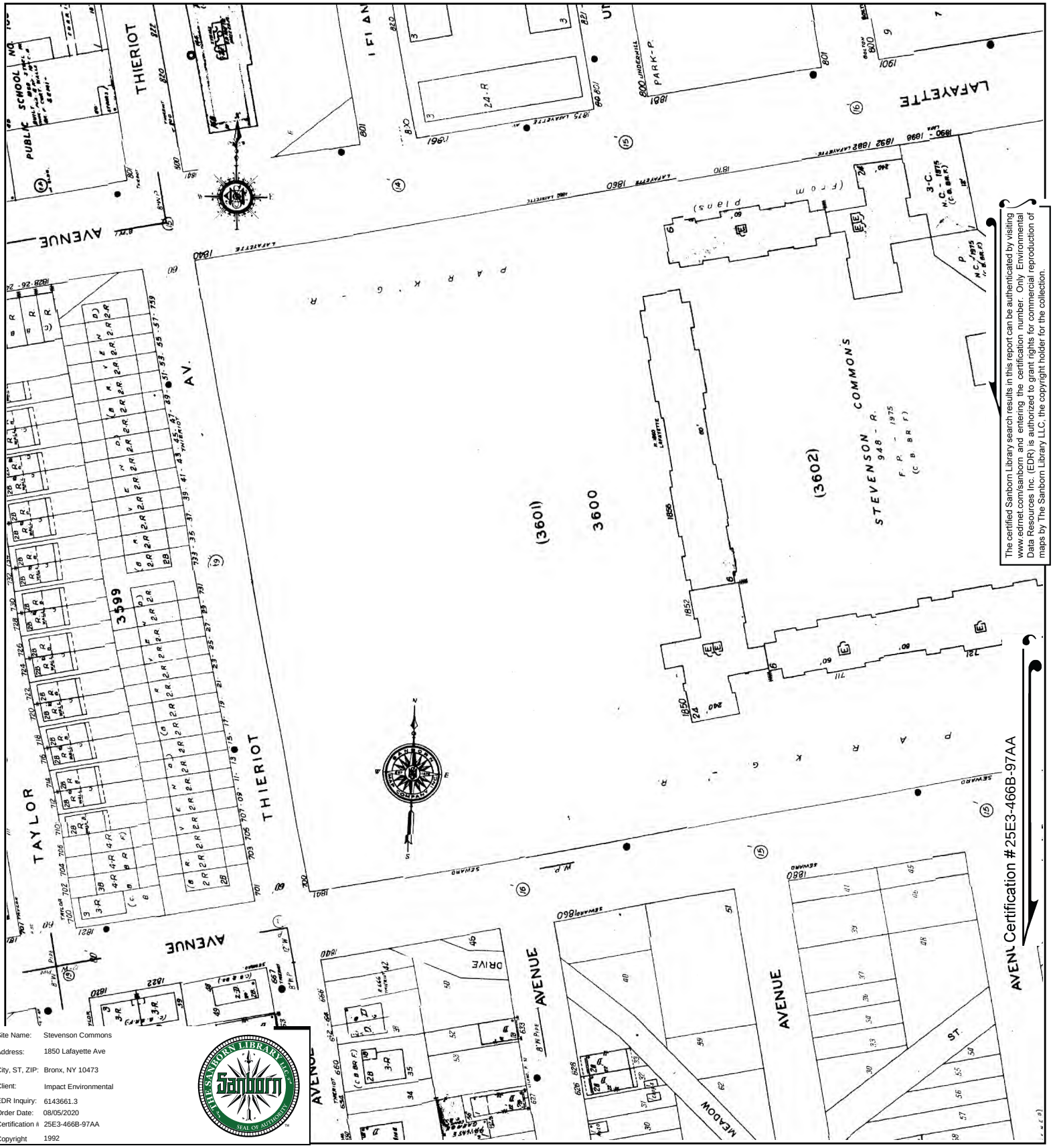
N



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Order Date:	08/05/2020
Certification #:	25E3-466B-97AA
Copyright	1992

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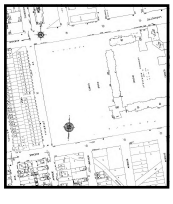

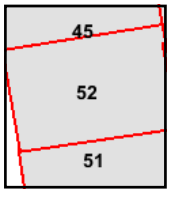

Volume 17, Sheet 52
Volume 17, Sheet 51
Volume 17, Sheet 45

0 Feet 150 300 600

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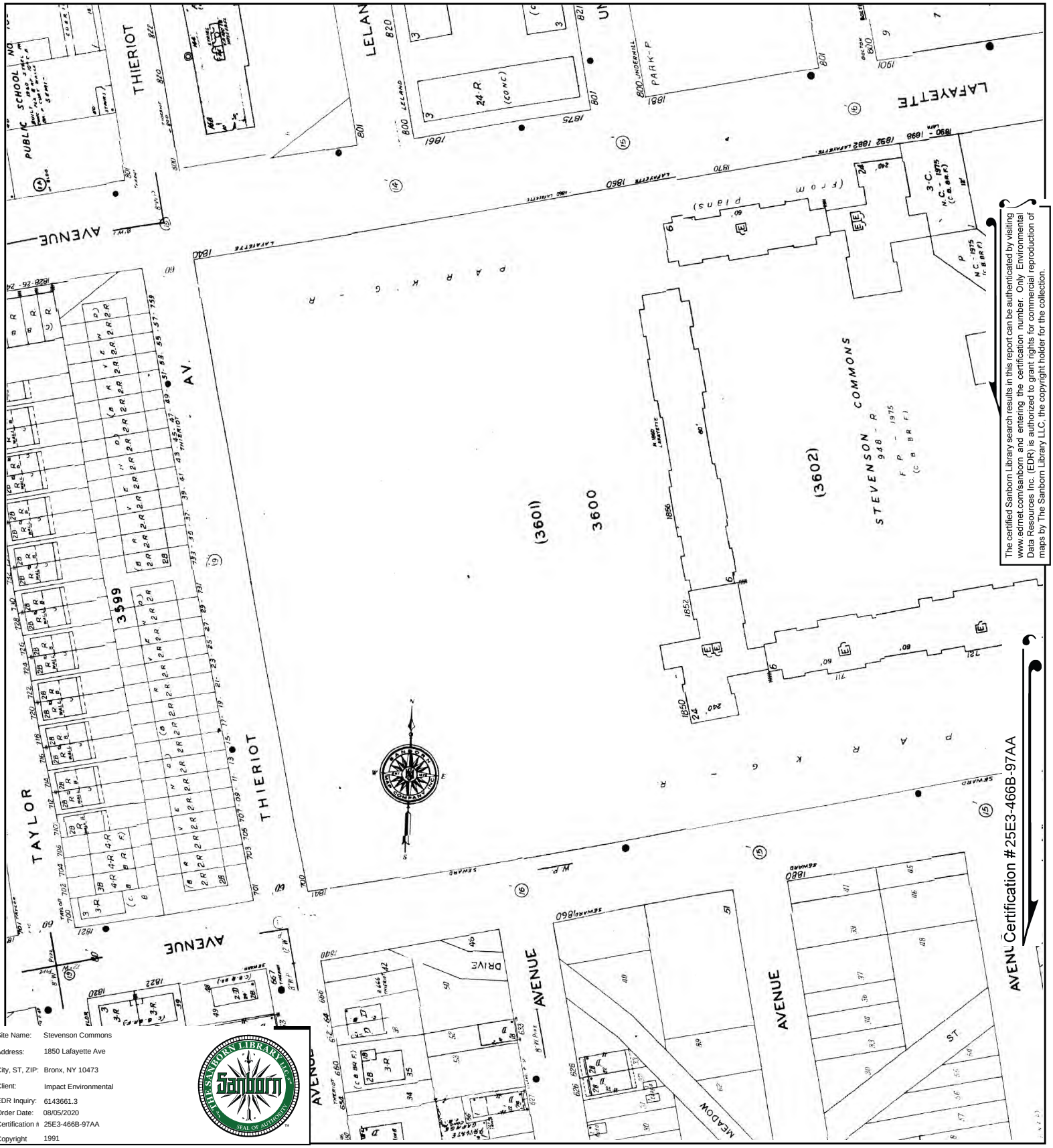

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Copyright	1991

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Volume 17, Sheet 51

0 Feet 150 300 600

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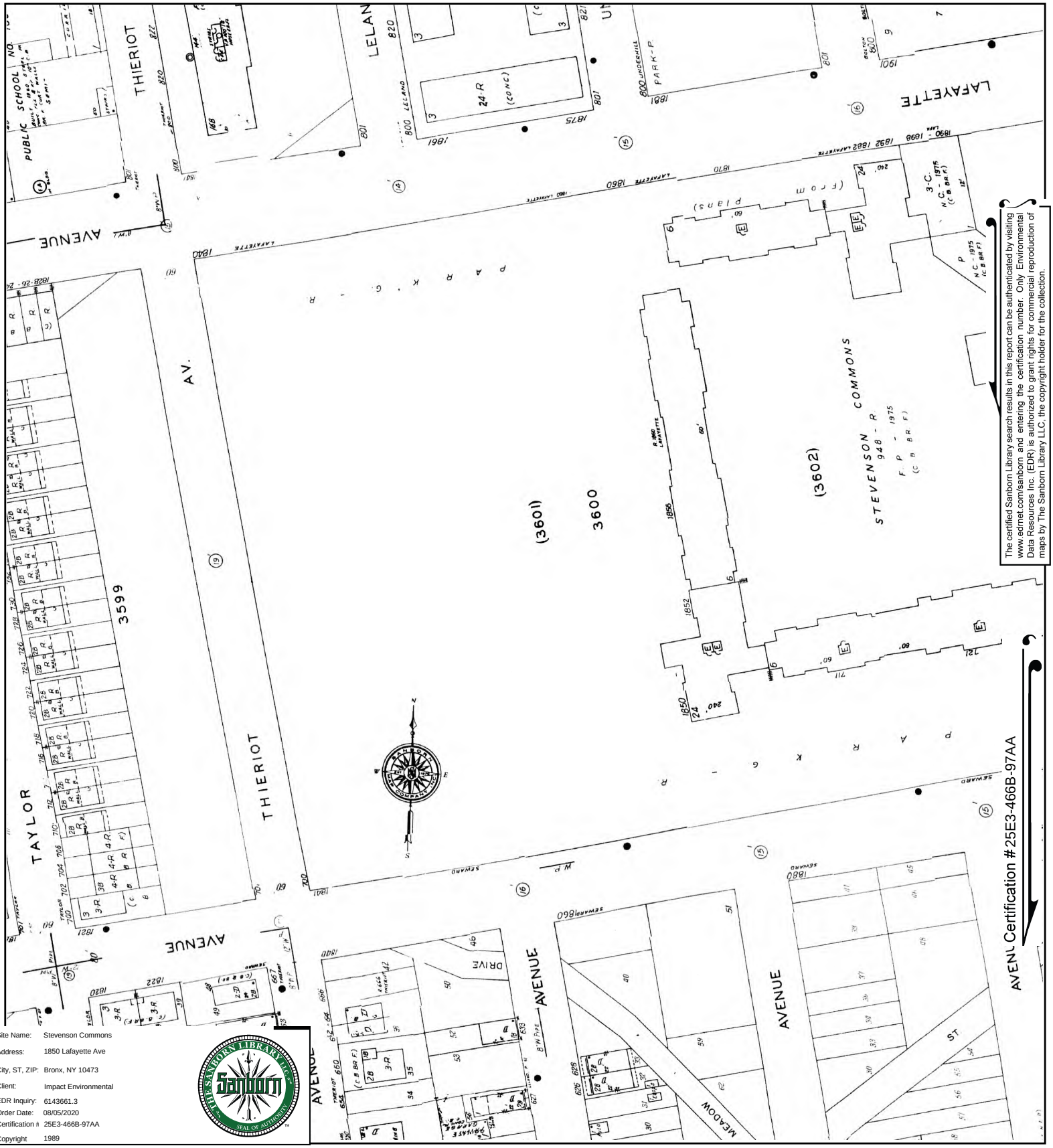

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Copyright	1989

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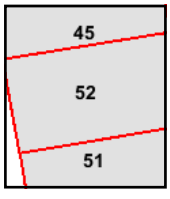

Volume 17, Sheet 45
Volume 17, Sheet 52
Volume 17, Sheet 51

0 Feet 150 300 600

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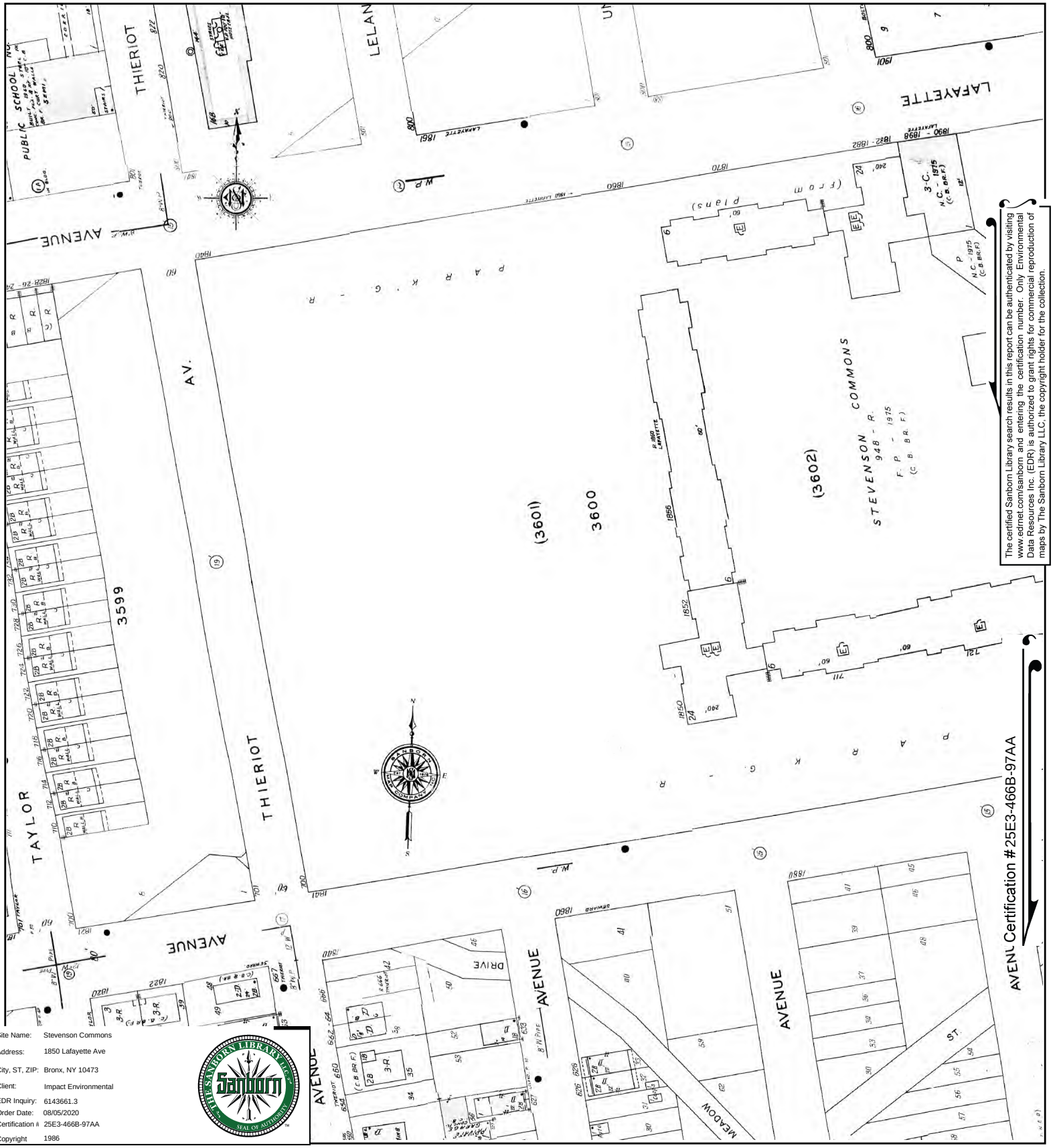

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Certification #:	25E3-466B-97AA
Copyright	1986

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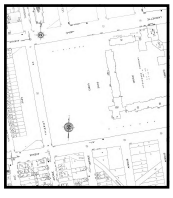

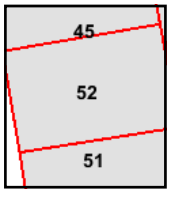

Volume 17, Sheet 45
Volume 17, Sheet 52
Volume 17, Sheet 51

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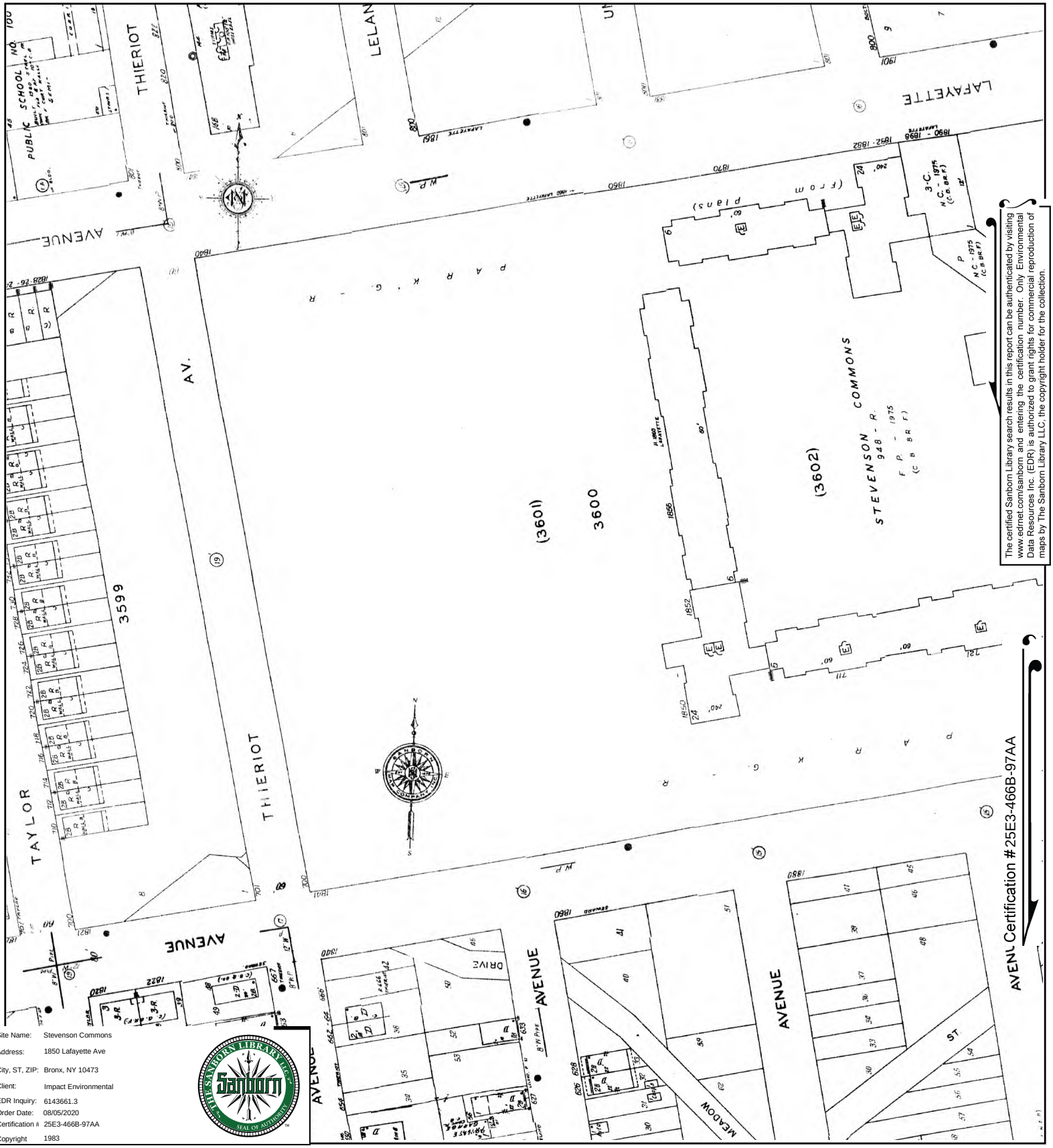

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Certification #	25E3-466B-97AA
Copyright	1983

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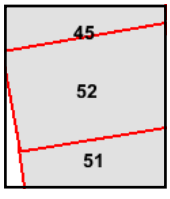

Volume 17, Sheet 52
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Volume 17, Sheet 51

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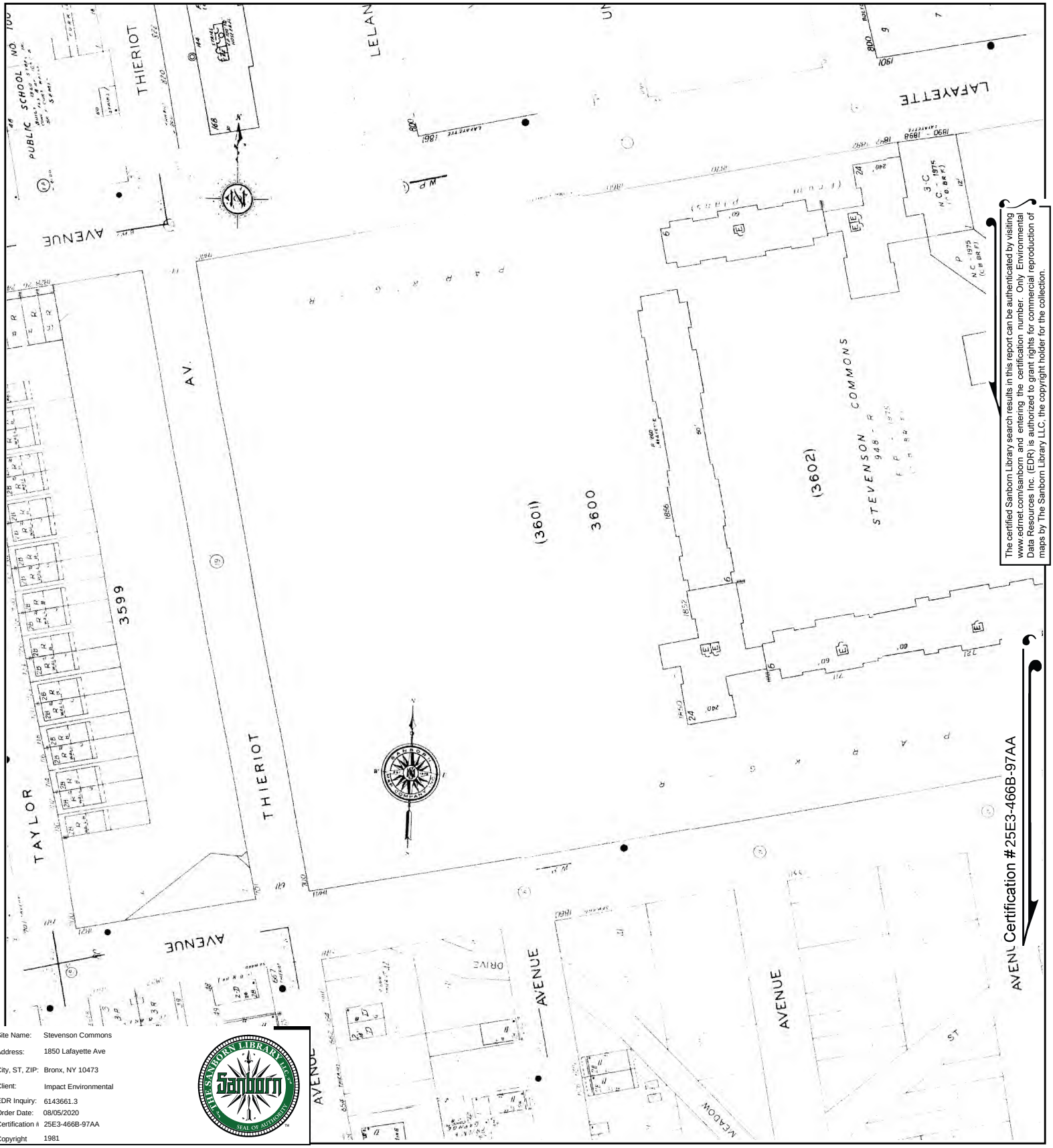

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Certification #	25E3-466B-97AA
Copyright	1981

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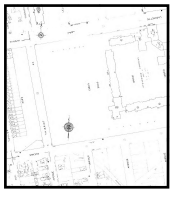

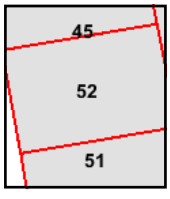

Volume 17, Sheet 52
Volume 17, Sheet 51
Volume 17, Sheet 45

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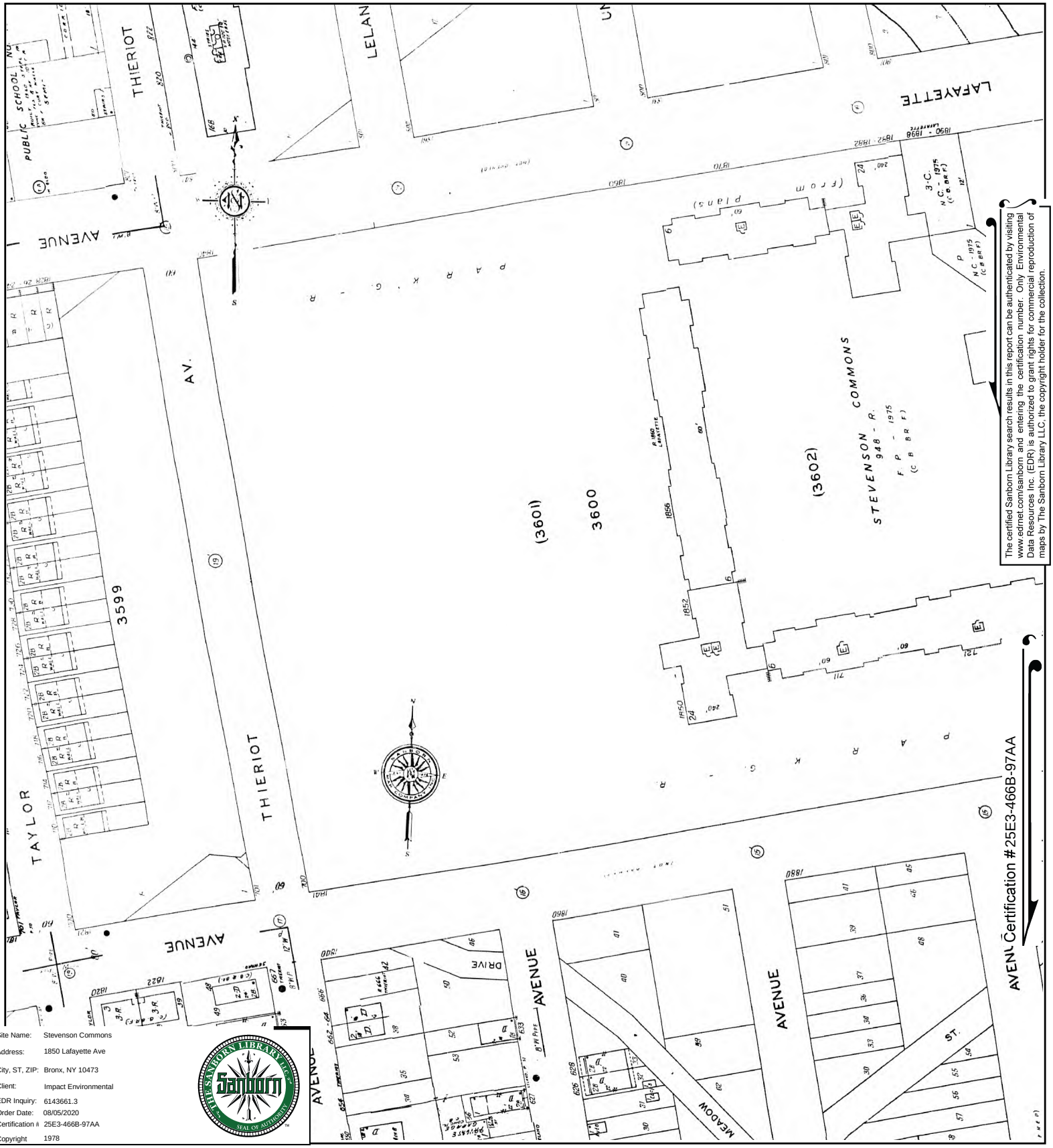

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Copyright	1978

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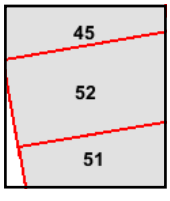

Volume 17, Sheet 51
Volume 17, Sheet 45
Volume 17, Sheet 52

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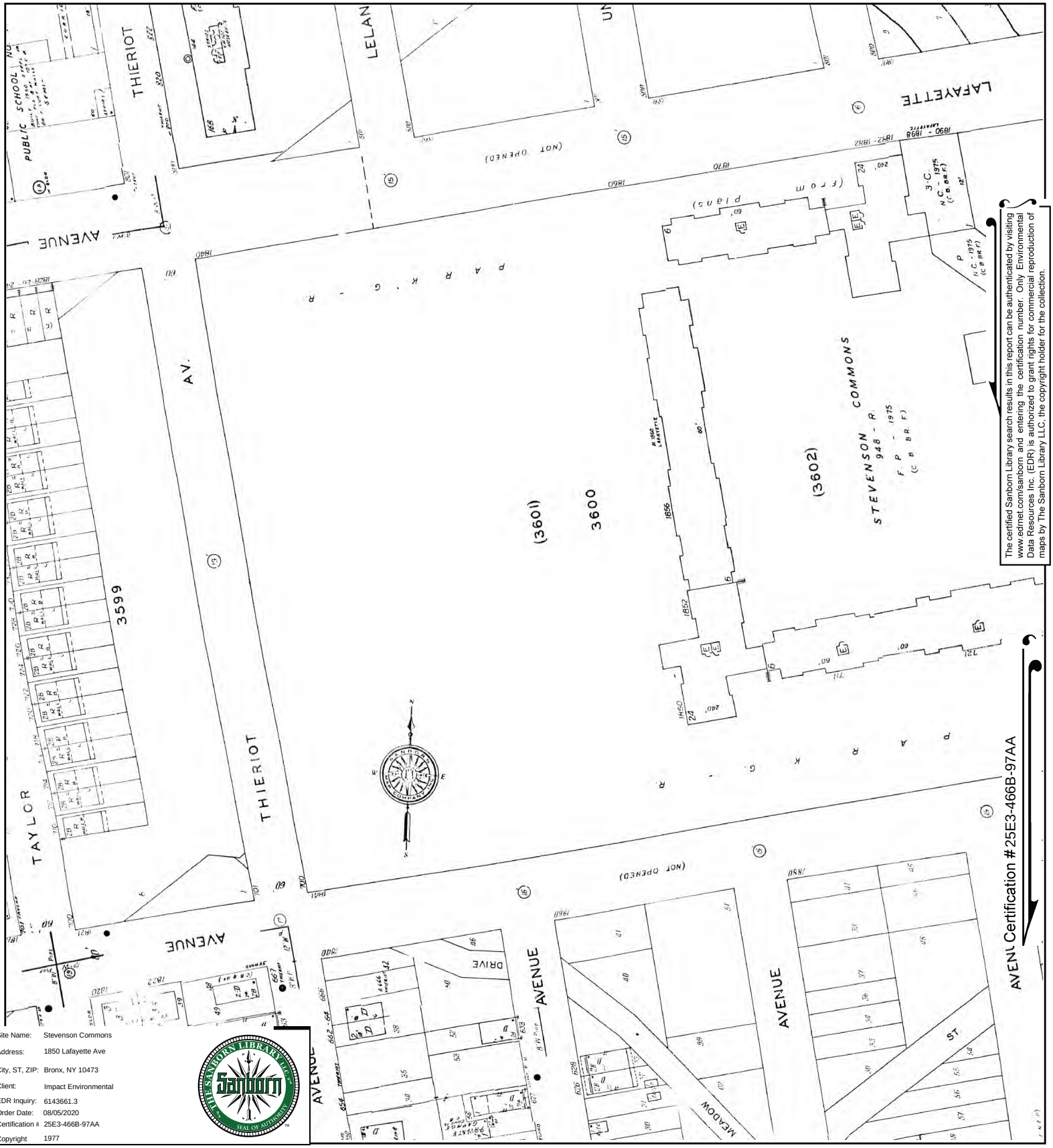

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Certification #:	25E3-466B-97AA
Copyright	1977

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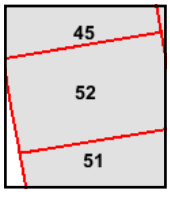

Volume 17, Sheet 45
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Volume 17, Sheet 51

0 Feet 150 300 600

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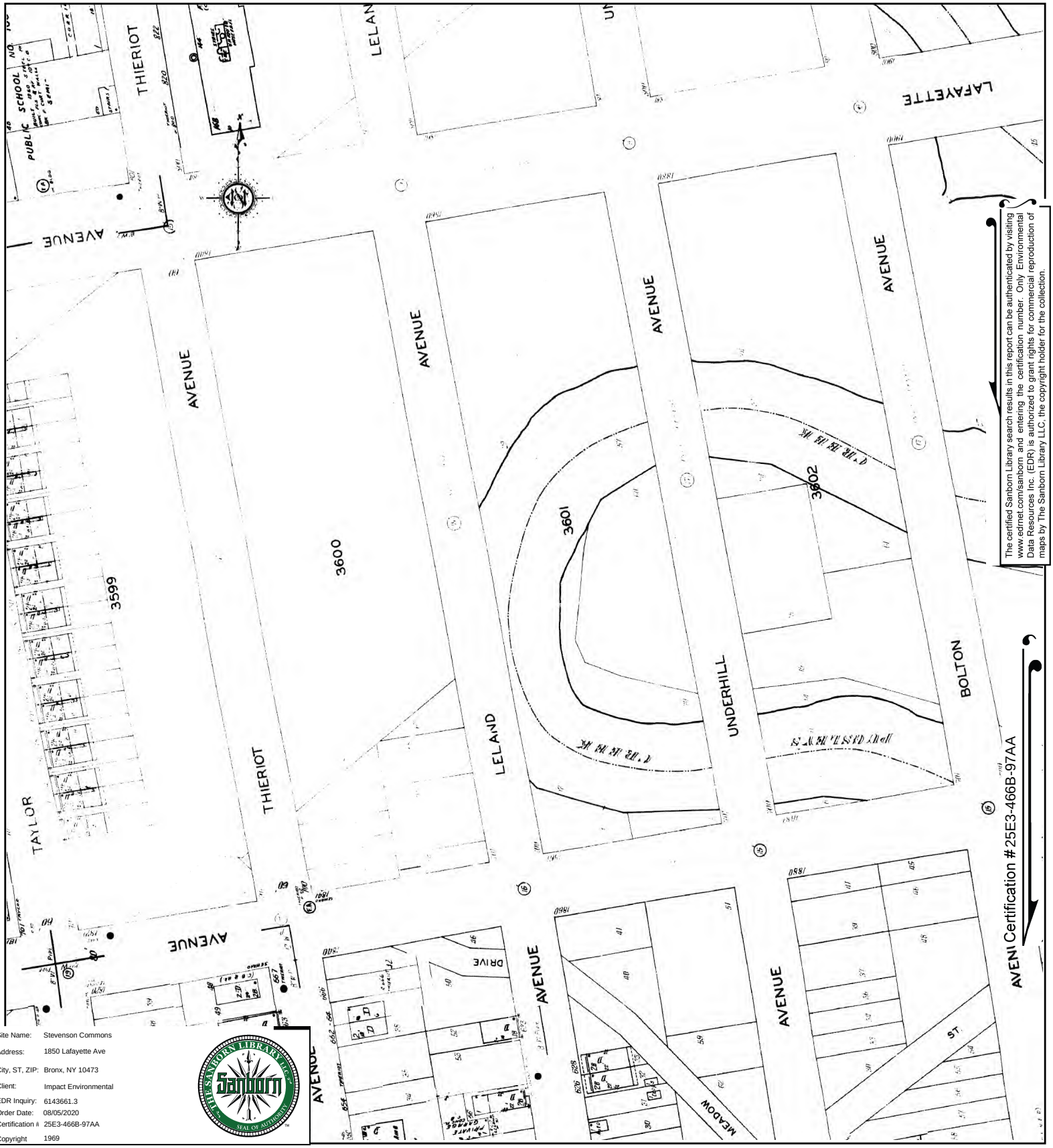

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Certification #	25E3-466B-97AA
Copyright	1969

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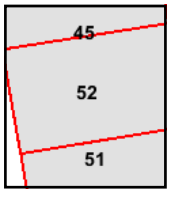

Volume 17, Sheet 52
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Volume 17, Sheet 45

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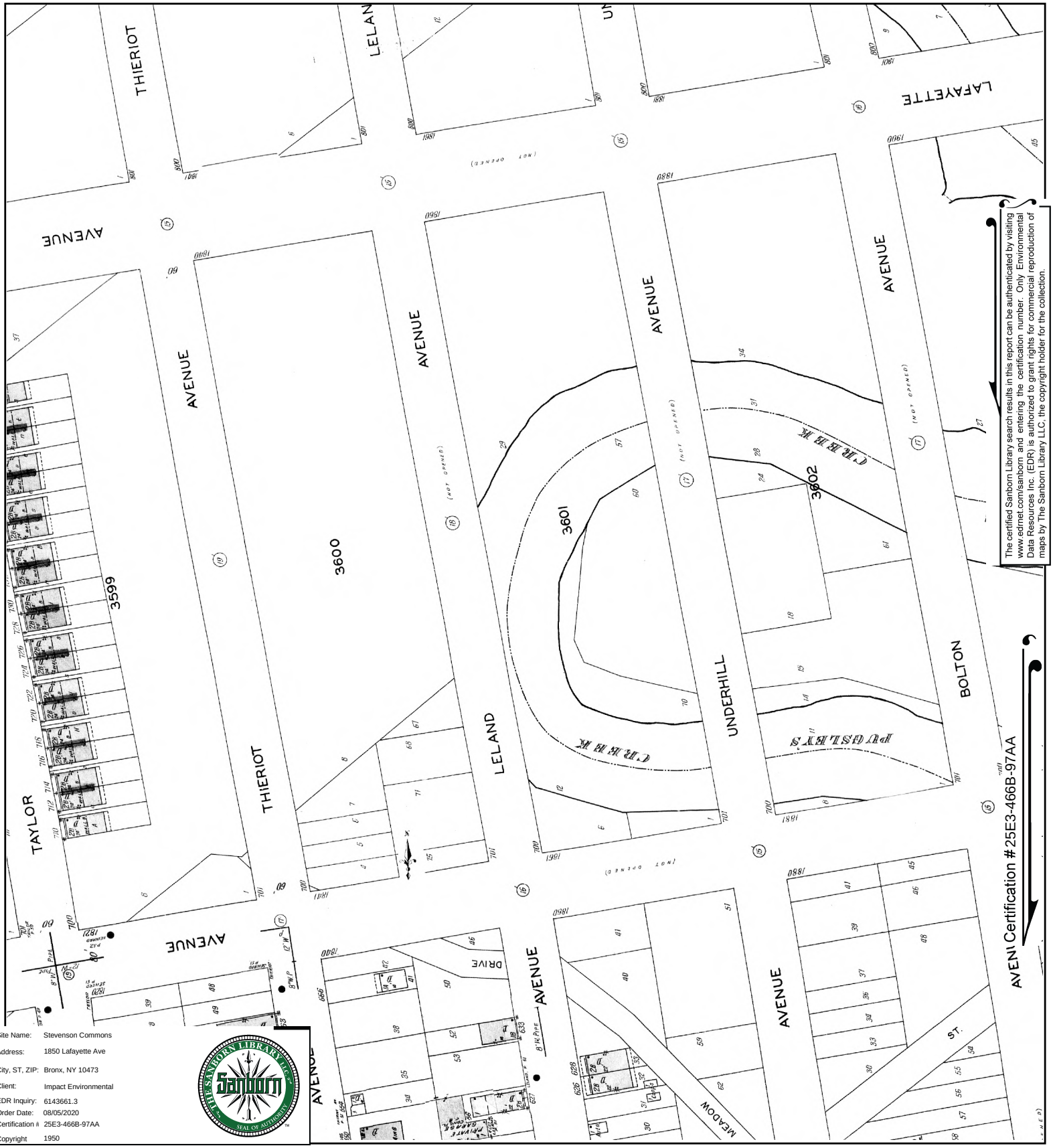

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Certification #	25E3-466B-97AA
Copyright	1950

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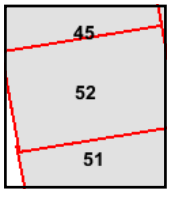

Volume 17, Sheet 52
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Volume 17, Sheet 45

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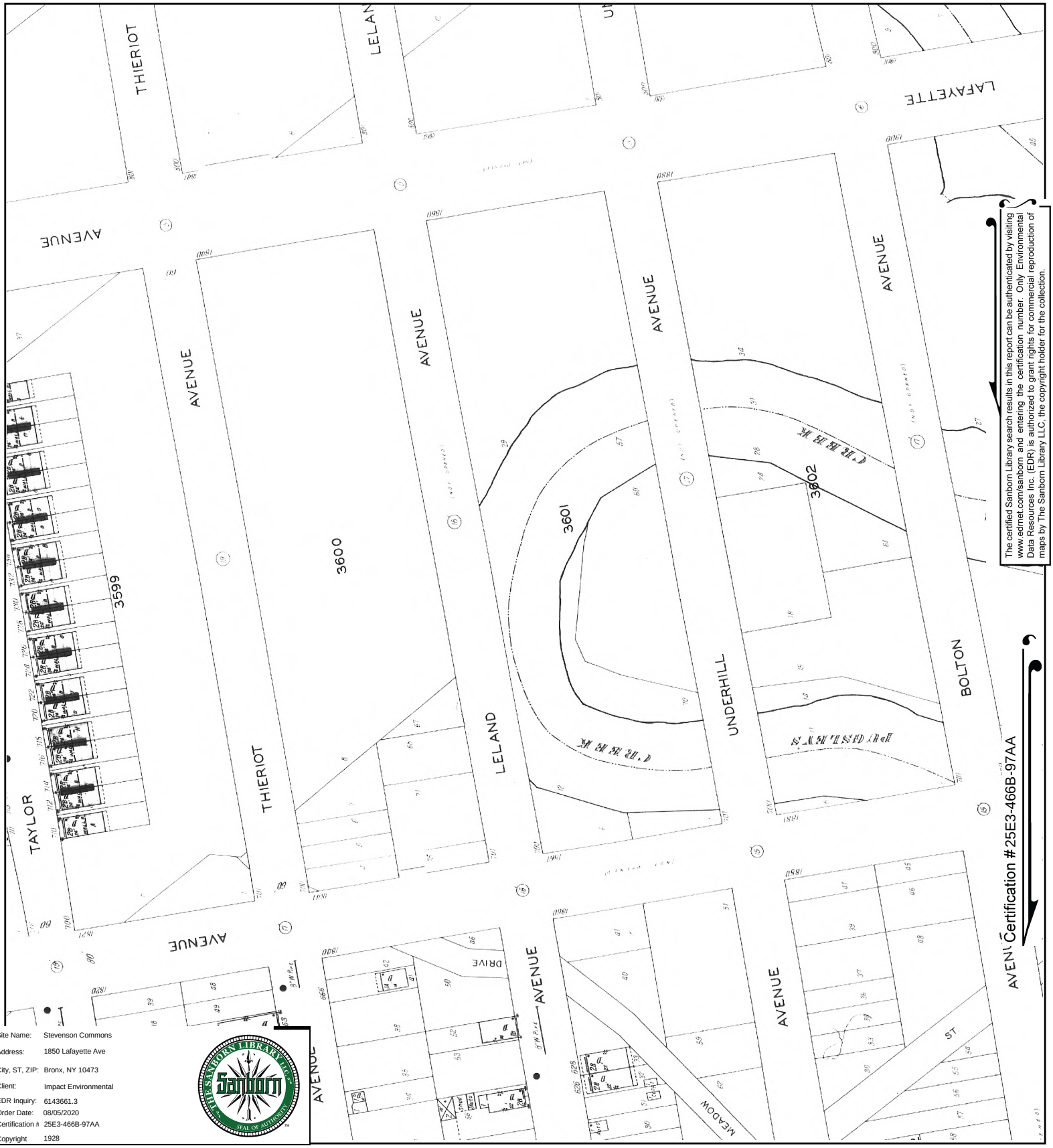

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Copyright	1928

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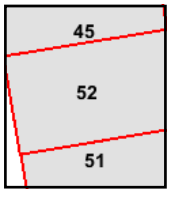

Volume 17, Sheet 45
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Volume 17, Sheet 51

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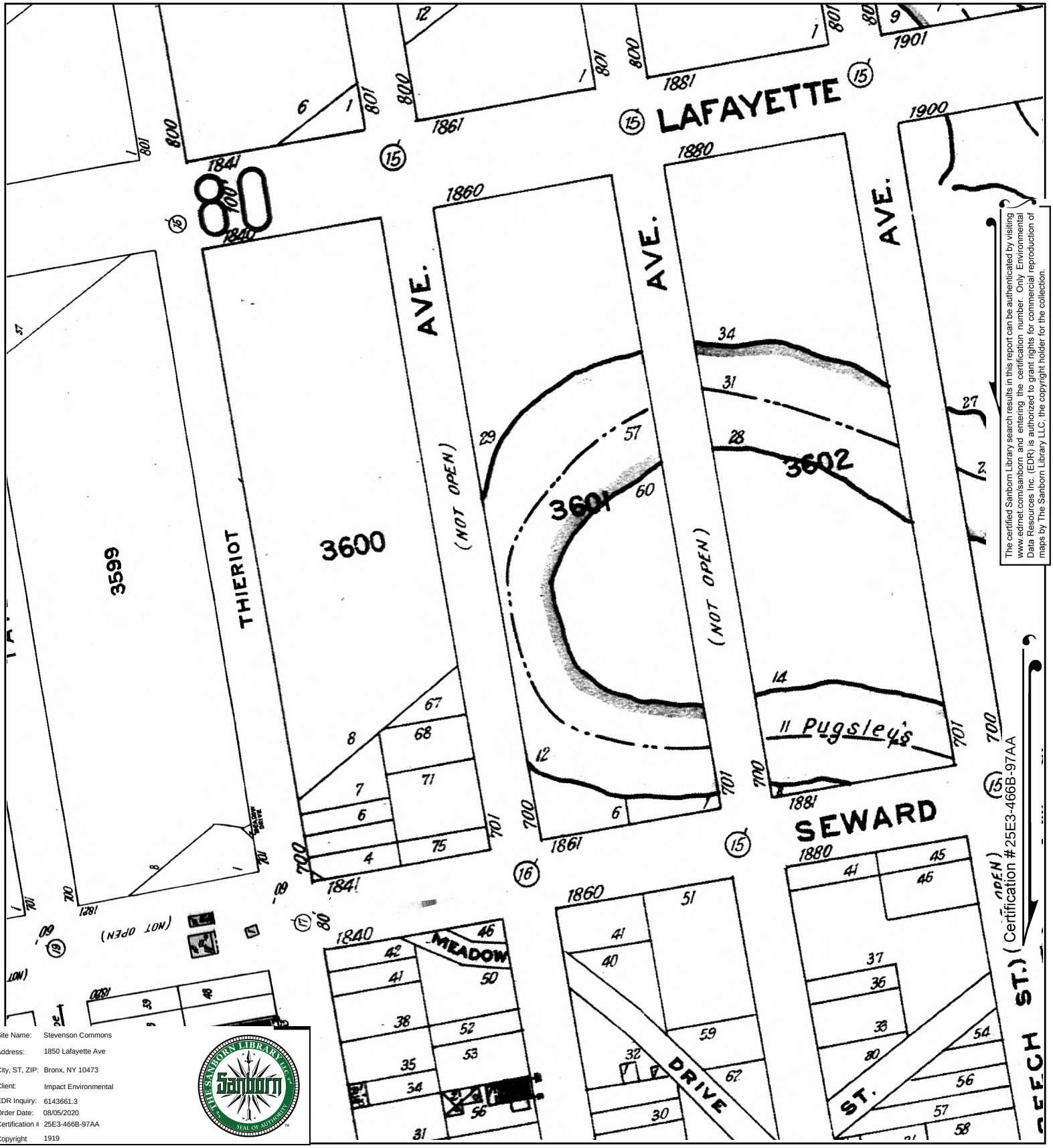

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Certification #	25E3-466B-97AA
Copyright	1919

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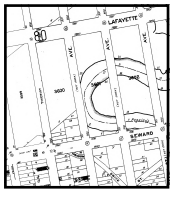

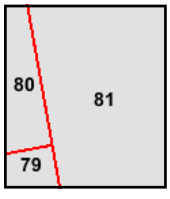

Volume 17, Sheet 81
Volume 17, Sheet 80
Volume 17, Sheet 79

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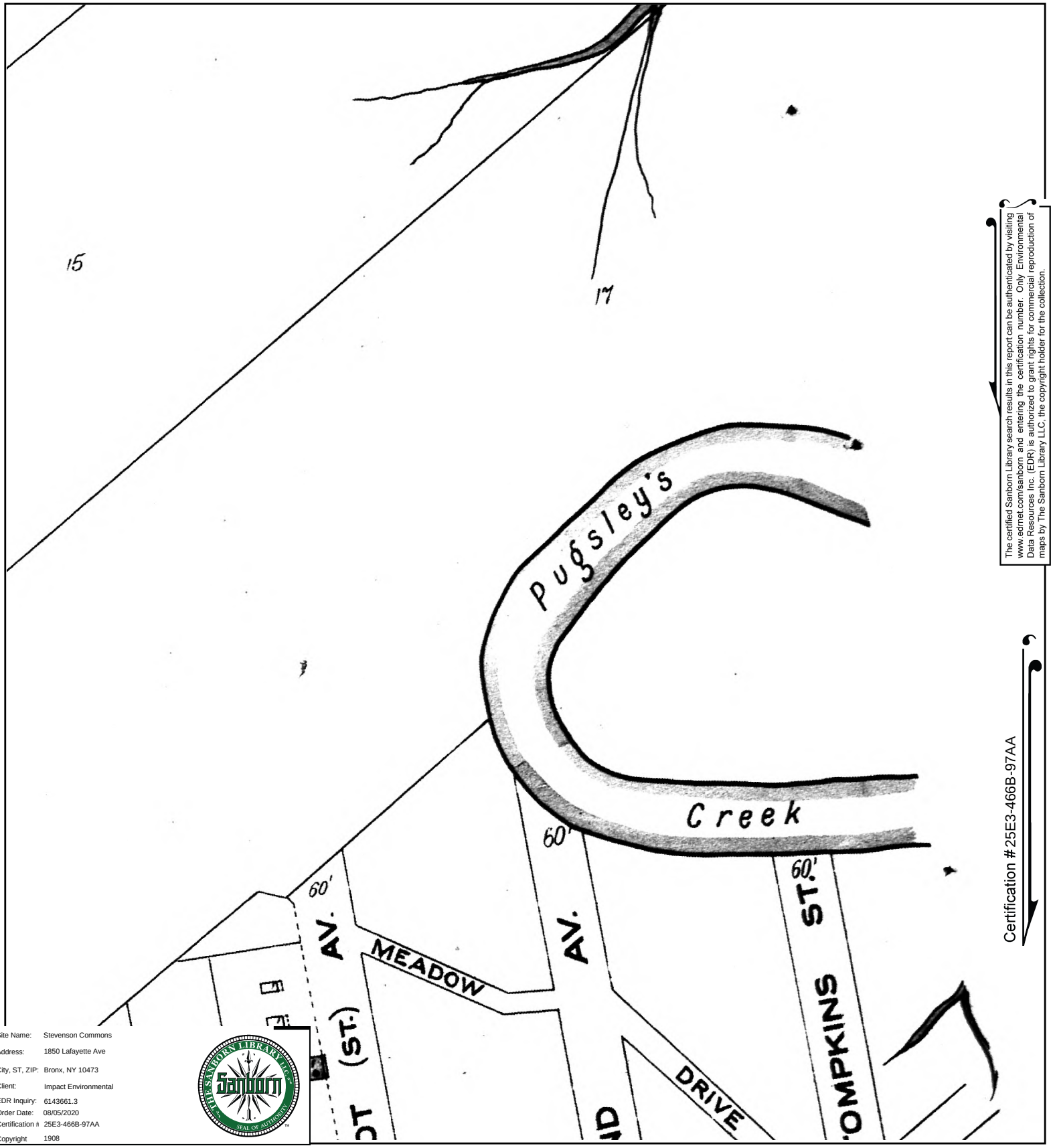

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Certification #	25E3-466B-97AA
Copyright	1908

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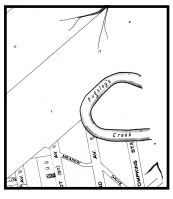

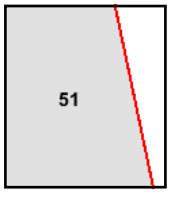

Volume A, Sheet 51

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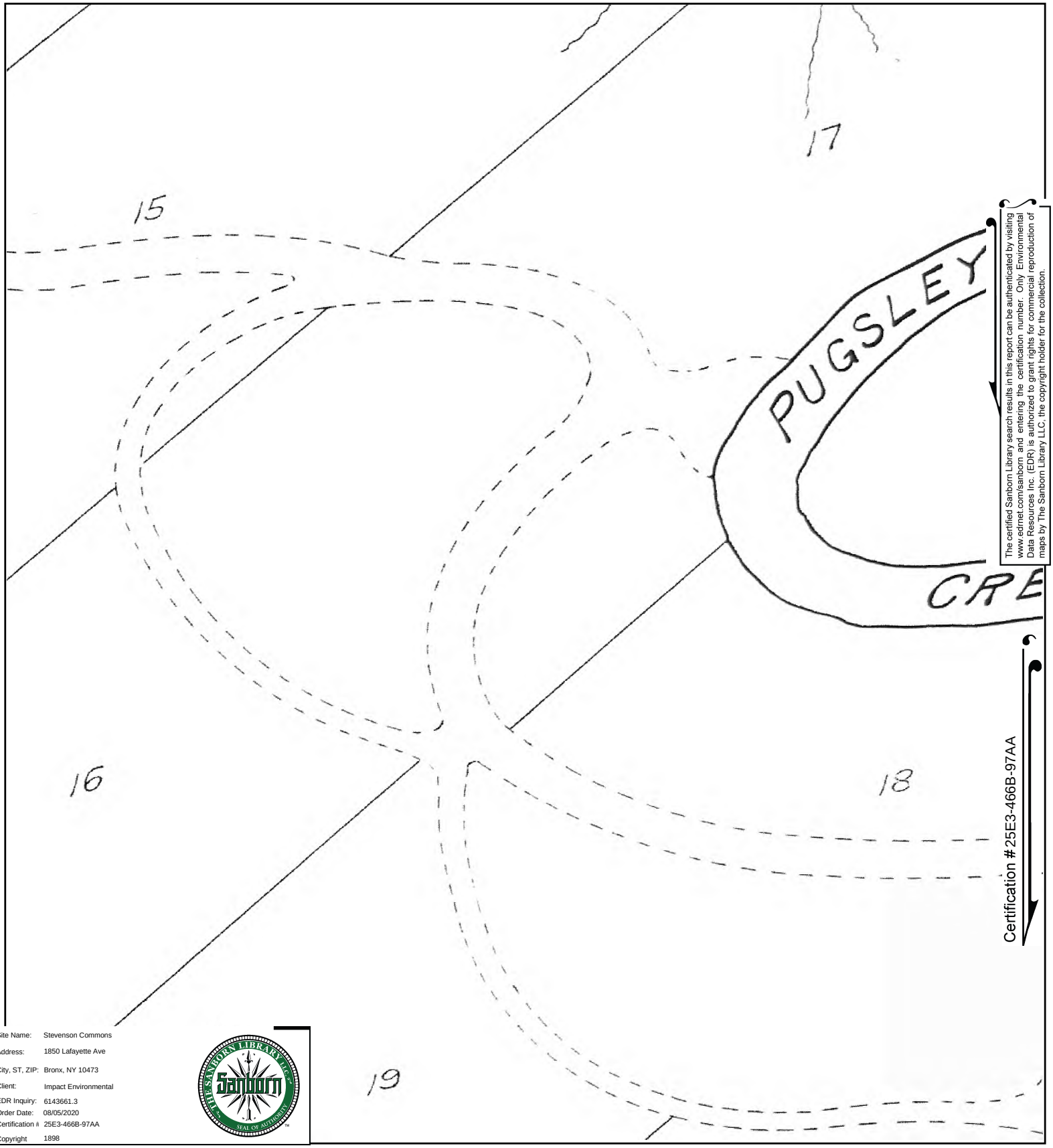

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Order Date: 08/05/2020
Certification #: 25E3-466B-97AA
Copyright: 1898

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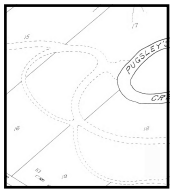

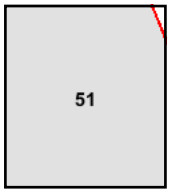

Volume A, Sheet 51

0 Feet 150 300 600

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Stevenson Commons

1850 Lafayette Ave

Bronx, NY 10473

Inquiry Number: 6143661.8

August 04, 2020

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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

08/04/20

Site Name:

Stevenson Commons
1850 Lafayette Ave
Bronx, NY 10473
EDR Inquiry # 6143661.8

Client Name:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716
Contact: Jason Scalora

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Search Results:

Year	Scale	Details	Source
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1994	1"=500'	Acquisition Date: April 08, 1994	USGS/DOQQ
1991	1"=500'	Flight Date: March 09, 1991	NAPP
1985	1"=500'	Flight Date: March 16, 1985	USDA
1980	1"=500'	Flight Date: July 25, 1980	NOAA
1976	1"=500'	Flight Date: October 29, 1976	USGS
1974	1"=500'	Flight Date: September 15, 1974	NOAA
1966	1"=500'	Flight Date: February 23, 1966	USGS
1961	1"=500'	Flight Date: November 22, 1961	EDR Proprietary Aerial Viewpoint
1954	1"=500'	Flight Date: February 18, 1954	USGS
1951	1"=500'	Flight Date: April 20, 1951	EDR Proprietary Aerial Viewpoint
1924	1"=500'	Flight Date: July 01, 1924	FAIR

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INQUIRY #: 6143661.8

YEAR: 2017

= 500'

N

EDR

INQUIRY #: 6143661.8
YEAR: 2013
= 500'
N
EDR

INQUIRY #: 6143661.8

YEAR: 2009

= 500'

N

EDR

INQUIRY #: 6143661.8
YEAR: 2006
= 500'
N
EDR

INQUIRY #: 6143661.8

YEAR: 1994

= 500'

N

EDR

INQUIRY #: 6143661.8

YEAR: 1991

= 500'

N

EDR

INQUIRY #: 6143661.8
YEAR: 1985
= 500'
N
EDR

INQUIRY #: 6143661.8
YEAR: 1980
= 500'
N
EDR

INQUIRY #: 6143661.8

YEAR: 1976

= 500'

N

EDR

INQUIRY #: 6143661.8
YEAR: 1974
= 500'
N
EDR

INQUIRY #: 6143661.8
YEAR: 1966
= 500'
N
EDR

INQUIRY #: 6143661.8
YEAR: 1961
= 500'
N
EDR

INQUIRY #: 6143661.8

YEAR: 1954

= 500'

N

EDR

INQUIRY #: 6143661.8

YEAR: 1951

= 500'

N

EDR

INQUIRY #: 6143661.8

YEAR: 1924

= 500'

N

EDR

Stevenson Commons
1850 Lafayette Ave
Bronx, NY 10473

Inquiry Number: 6143661.4
August 04, 2020

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

08/04/20

Site Name:

Stevenson Commons
1850 Lafayette Ave
Bronx, NY 10473
EDR Inquiry # 6143661.4

Client Name:

Impact Environmental
170 Keyland Court
Bohemia, NY 11716
Contact: Jason Scalora

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Impact Environmental were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# 13453
Project: Stevenson Commons

Coordinates:

Latitude:	40.820547 40° 49' 14" North
Longitude:	-73.860902 -73° 51' 39" West
UTM Zone:	Zone 18 North
UTM X Meters:	596060.18
UTM Y Meters:	4519460.63
Elevation:	16.00' above sea level

Maps Provided:

2013
1995, 1997
1979
1966
1955, 1956
1947
1900
1898
1897

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Topo Sheet Key

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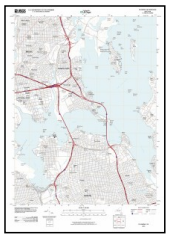
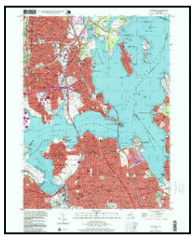
2013 Source Sheets



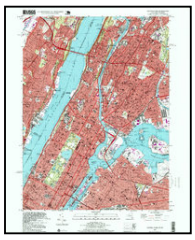
Flushing
2013
7.5-minute, 24000

Central Park
2013
7.5-minute, 24000

1995, 1997 Source Sheets



Flushing
1995
7.5-minute, 24000
Aerial Photo Revised 1977



Central Park
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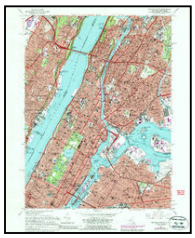
7.5-minute, 24000
Aerial Photo Revised 1997

1979 Source Sheets

Flushing
1979
7.5-minute, 24000
Aerial Photo Revised 1977



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1966 Source Sheets

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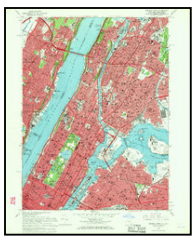

Central Park
1966
7.5-minute, 24000
Aerial Photo Revised 1966

Topo Sheet Key

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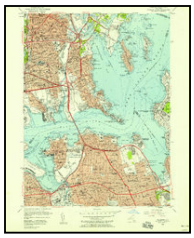

Flushing
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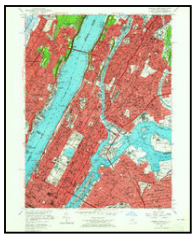


Central Park
1956
7.5-minute, 24000

1947 Source Sheets

Central Park
1947
7.5-minute, 24000
Aerial Photo Revised 1941

Flushing
1947
7.5-minute, 24000
Aerial Photo Revised 1942

1900 Source Sheets

Harlem
1900
15-minute, 62500

1898 Source Sheets

Harlem
1898
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1897 Source Sheets

Harlem
1897
15-minute, 62500

Historical Topo Map

2013

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

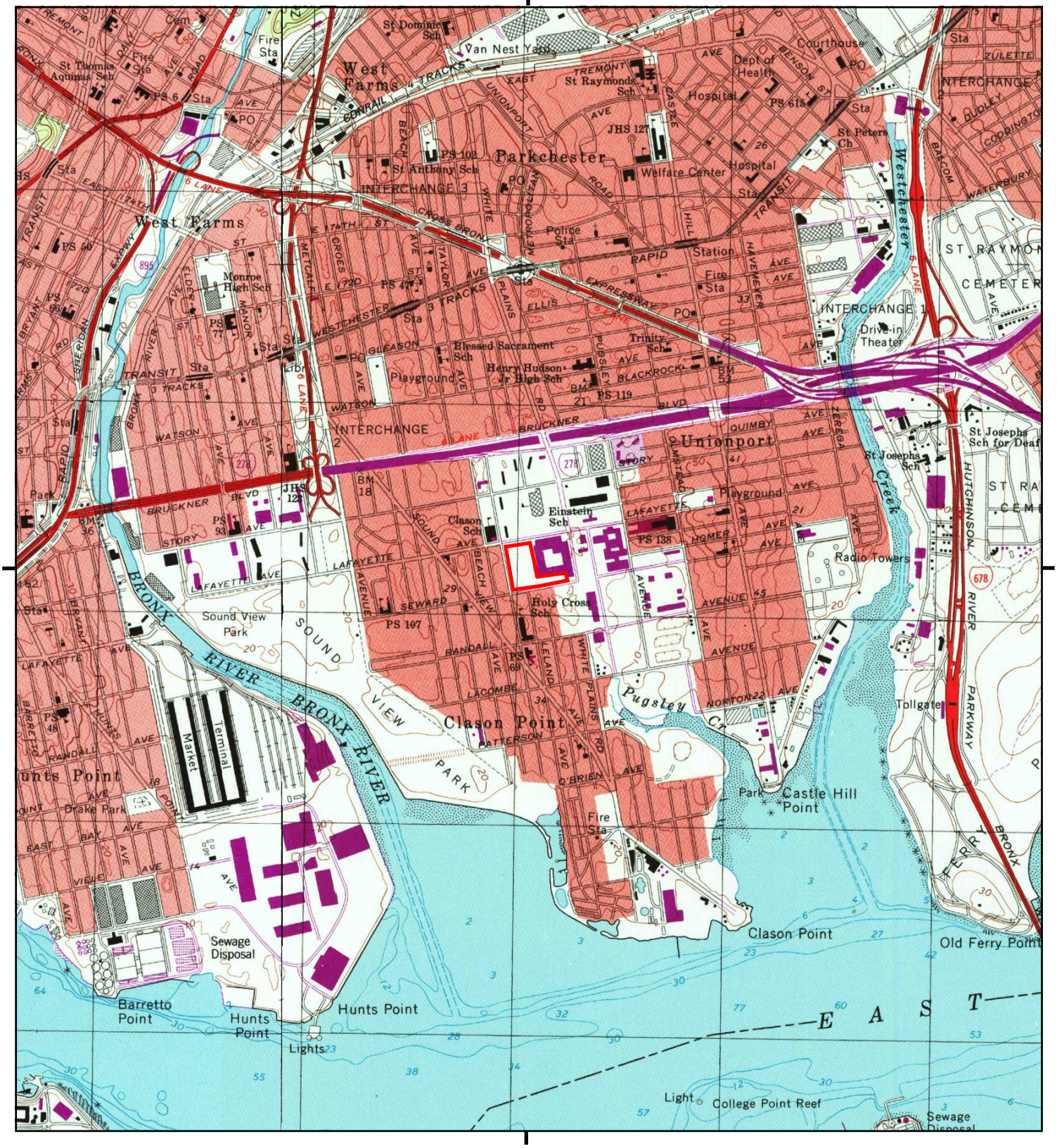
TP, Flushing, 2013, 7.5-minute
W, Central Park, 2013, 7.5-minute

SITE NAME: Stevenson Commons
ADDRESS: 1850 Lafayette Ave
Bronx, NY 10473
CLIENT: Impact Environmental

N

Historical Topo Map

1995, 1997



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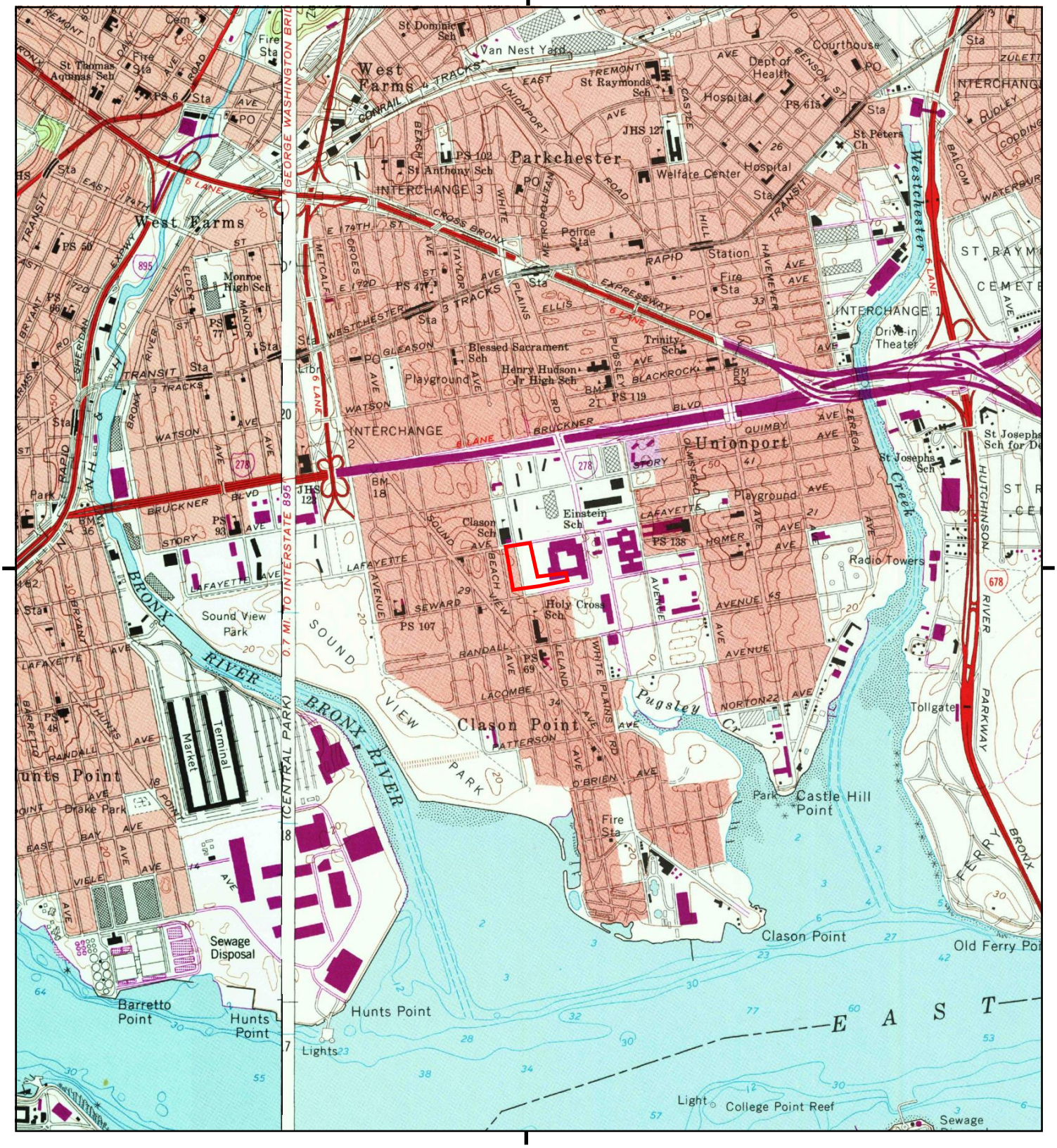
NW N NE
W E
SW S SE

TP, Flushing, 1995, 7.5-minute
W, Central Park, 1997, 7.5-minute

SITE NAME: Stevenson Commons
ADDRESS: 1850 Lafayette Ave
Bronx, NY 10473
CLIENT: Impact Environmental

N



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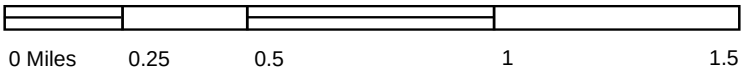
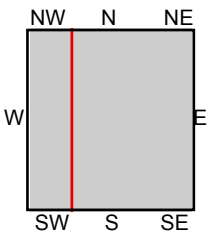
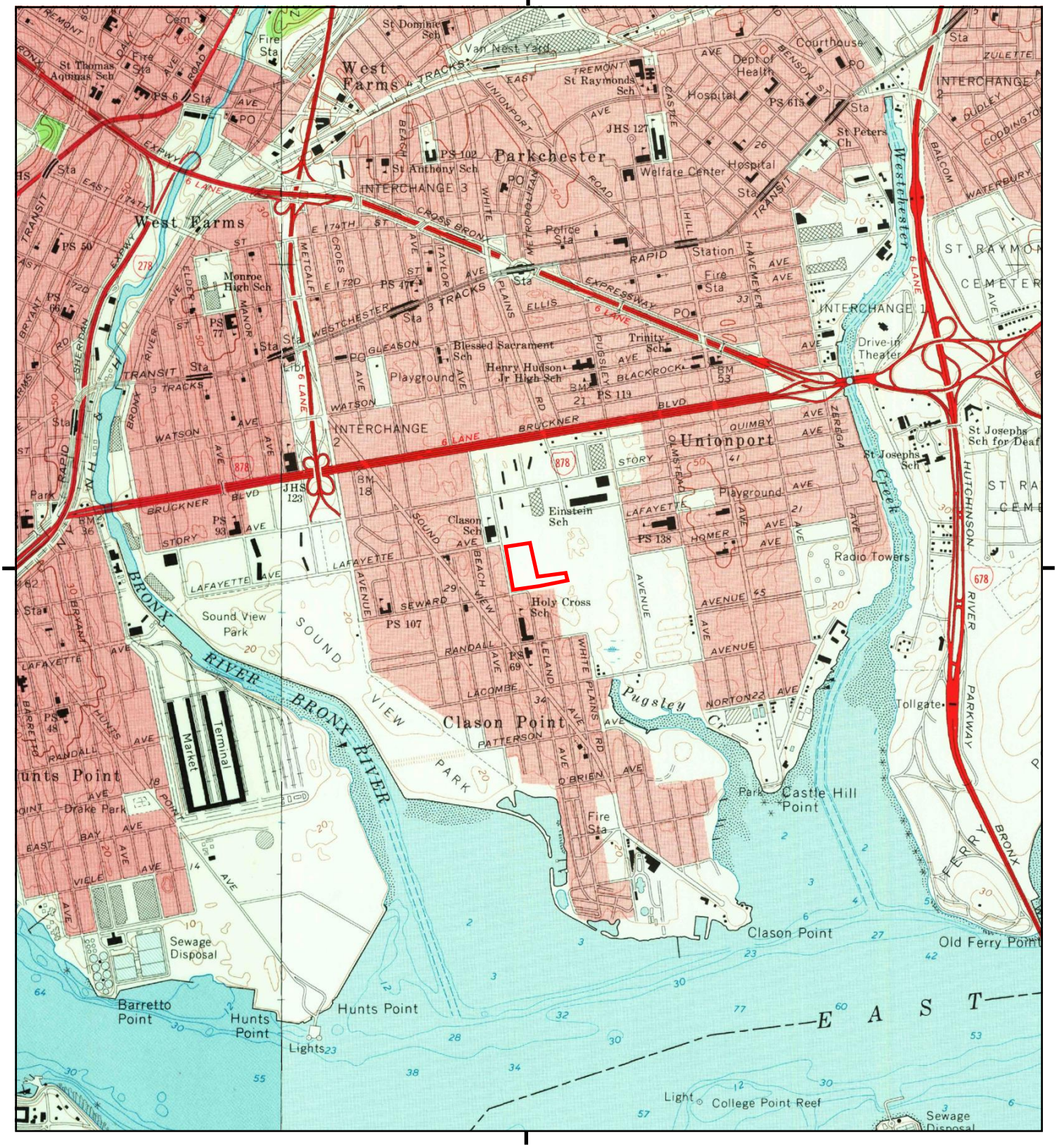




TP, Flushing, 1979, 7.5-minute
W, Central Park, 1979, 7.5-minute

SITE NAME: Stevenson Commons
ADDRESS: 1850 Lafayette Ave
Bronx, NY 10473
CLIENT: Impact Environmental



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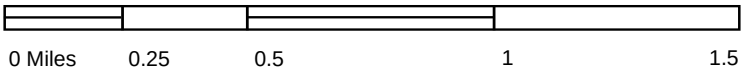
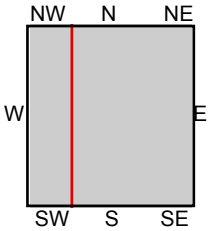
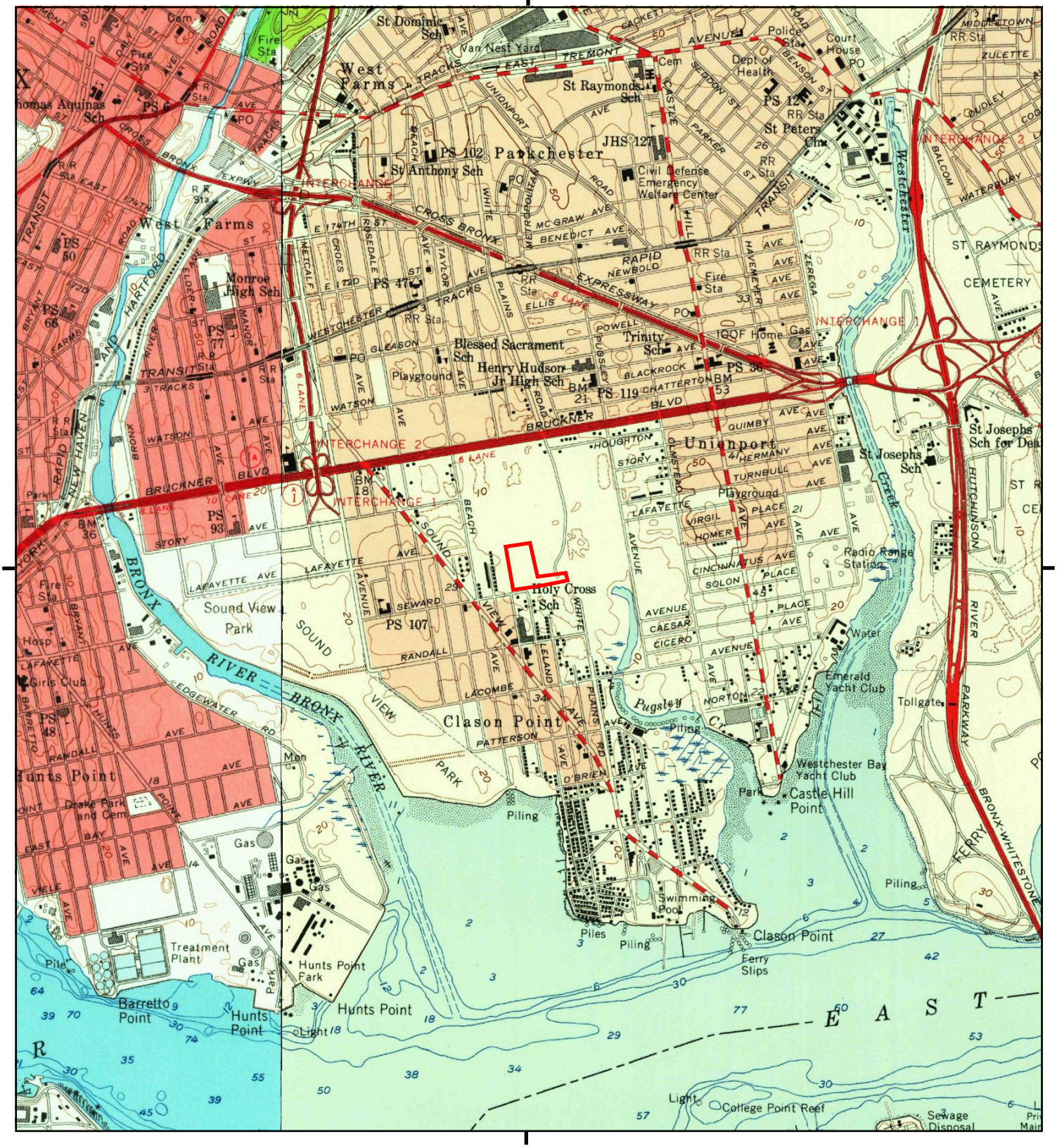




TP, Flushing, 1966, 7.5-minute
W, Central Park, 1966, 7.5-minute

SITE NAME: Stevenson Commons
ADDRESS: 1850 Lafayette Ave
Bronx, NY 10473
CLIENT: Impact Environmental



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W E
SW S SE

TP, Flushing, 1955, 7.5-minute
W, Central Park, 1956, 7.5-minute

SITE NAME: Stevenson Commons
ADDRESS: 1850 Lafayette Ave
Bronx, NY 10473
CLIENT: Impact Environmental

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

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W E
SW S SE

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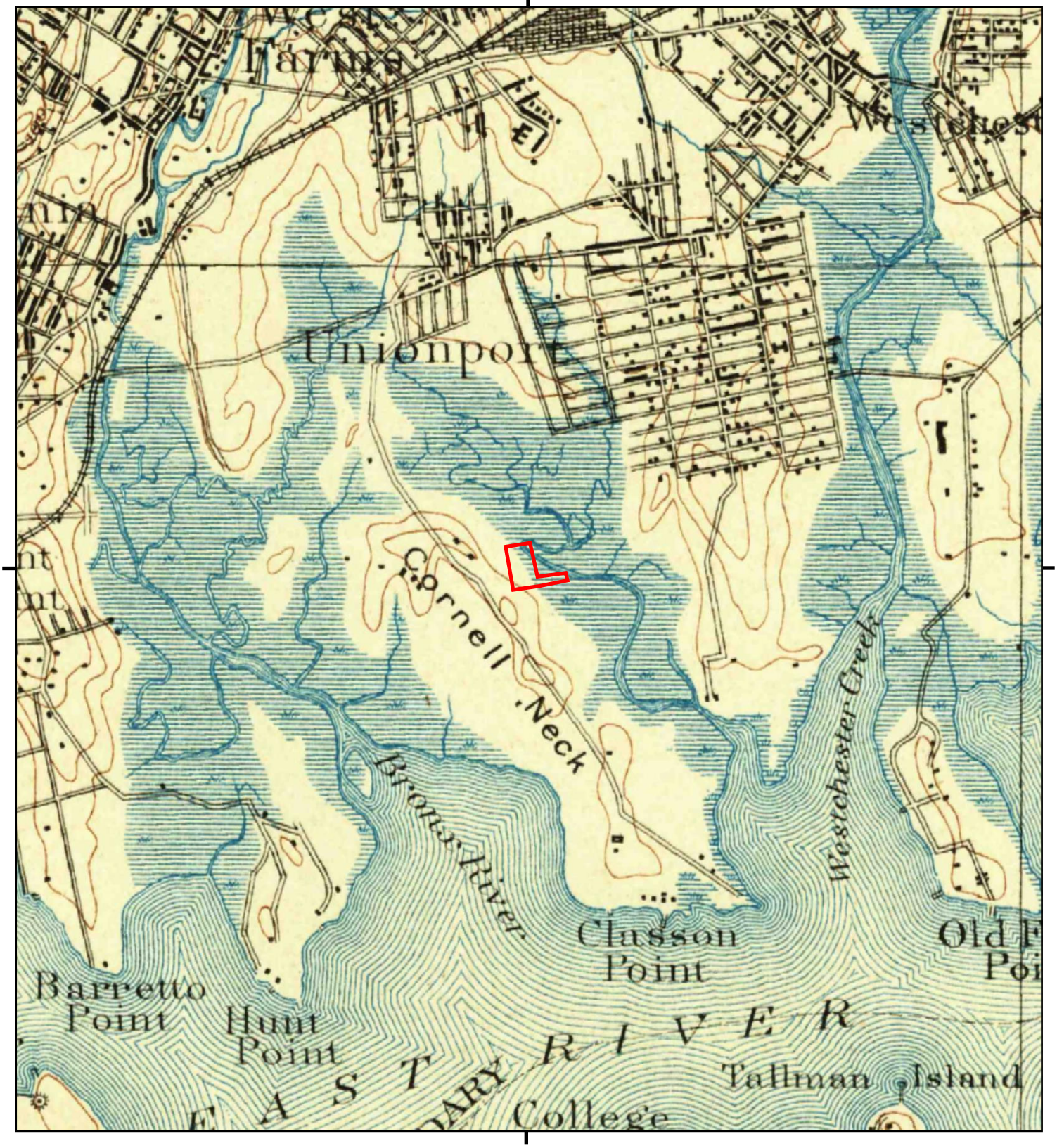
W, Central Park, 1947, 7.5-minute

SITE NAME: Stevenson Commons
ADDRESS: 1850 Lafayette Ave
Bronx, NY 10473
CLIENT: Impact Environmental

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Harlem, 1900, 15-minute

SITE NAME: Stevenson Commons
ADDRESS: 1850 Lafayette Ave
Bronx, NY 10473
CLIENT: Impact Environmental

N

Historical Topo Map

1898

This report includes information from the following map sheet(s).

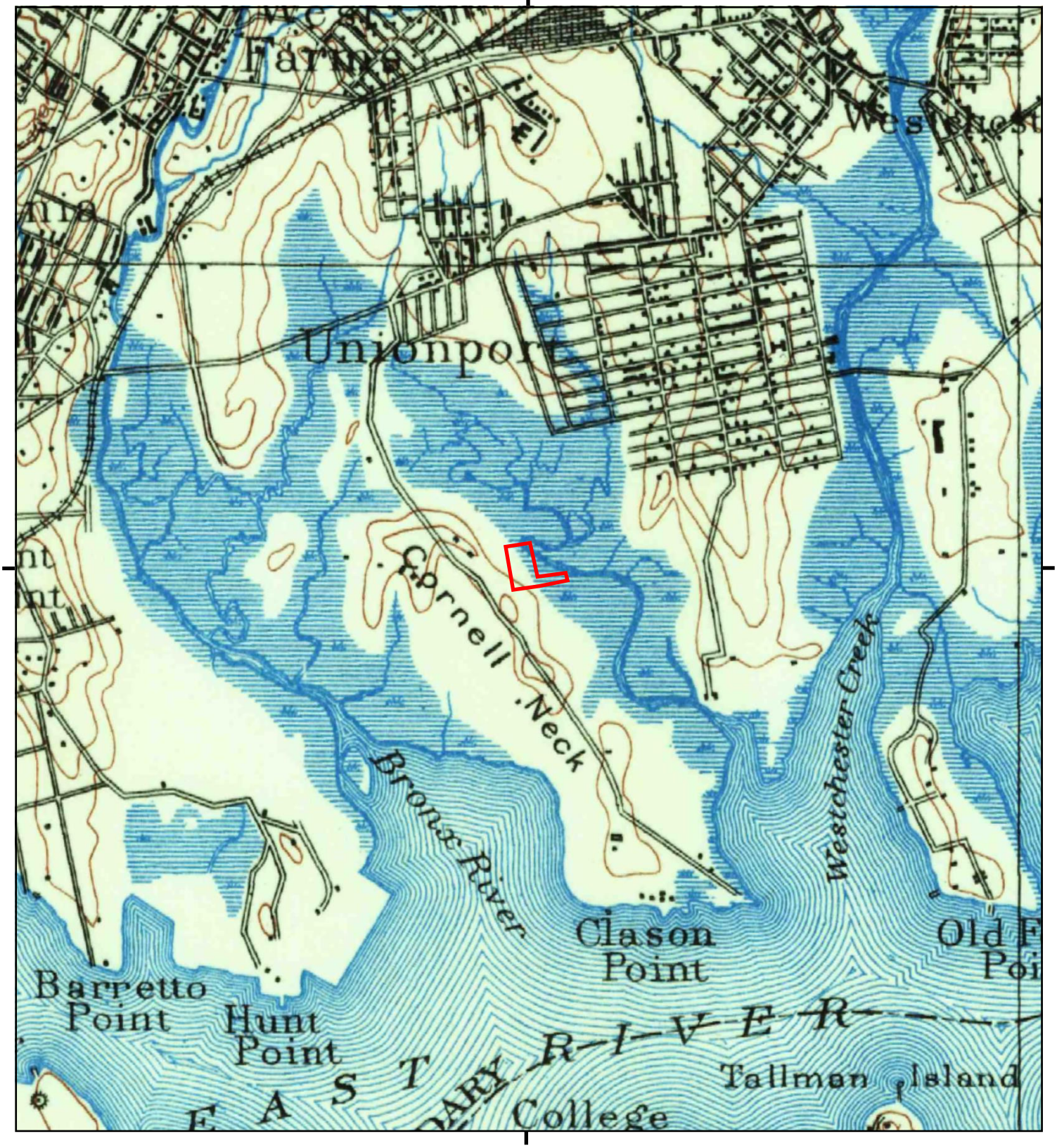
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Harlem, 1898, 15-minute

SITE NAME: Stevenson Commons
ADDRESS: 1850 Lafayette Ave
Bronx, NY 10473
CLIENT: Impact Environmental

N



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NW N NE
W E
SW S SE

TP, Harlem, 1897, 15-minute

SITE NAME: Stevenson Commons
ADDRESS: 1850 Lafayette Ave
Bronx, NY 10473
CLIENT: Impact Environmental

N

Appendix G

Qualifications of the Environmental Professional / Qualifications of the Project Manager

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

GREG MENDEZ-CHICAS

SENIOR PROJECT MANAGER

EDUCATION:

Bachelor of Science, Environmental Science

SUNY at Plattsburgh (2007)

PROFESSIONAL EXPERIENCE:

- 2009-Present **IMPACT ENVIRONMENTAL** Senior Project Manager

  - Direct and supervise staff of geologists, hydrogeologists, and environmental engineers in development and implementation of environmental assessments, investigations, construction and remediation projects in commercial and industrial markets for lenders, real estate investment/development firms, construction firms and government agencies.
  - Provide regulatory and technical guidance and strategy to the clients.
  - Manage Phase I and Phase II assessments, State Spill Investigation and Remediation, County and Federal Underground Injection Control Programs, State & City Voluntary/Brownfield Cleanup Programs, State & Federal Superfund Sites, Brownfield Environmental Restoration Programs, Federal RCRA Closure, City E-Designation Projects.
  - Quality control of project budgets, cost control efficiencies, and profitability.
  - Maintain key relationships with existing clients, and cultivate the development of new business and growth.

- 2007-2009 **APEX COMPANIES** Environmental Scientist

  - Prepared Phase I Environmental Assessments (ESAs) in general conformation with ASTM Practice E-1527-05 and USEPA ALL Appropriate Inquiries (AAI).
  - Performed various aspects of Phase II scopes of work for commercial and industrial properties.
  - Conducted microbiological sampling/investigations at a medical equipment manufacturing facility (air, water, media, and contact surfaces).
  - Preparation and implementation of sub-slab soil vapor sampling plans at former utilized gasoline and/or dry cleaning operations.

KEY PROJECTS:

- LIRR/MTA East Side Access (five contracts)
- Briarcliff Manor
- Saint Barnabas Hospital Expansion

CERTIFICATIONS/ACHIEVEMENTS:

- OSHA 40-hour HAZWOPER Training
- OSHA 8-hour Refresher (2007-to-present)
- OSHA 10-hour Construction Training (2016)
- New York State Licensed Asbestos Inspector (2007-to-present)
- NYSDEC Erosion & Sediment Control Training (2016)
- Amtrak (2016) & LIRR Roadway Safety Training (2017)
- New York City Office of Environmental Remediation – Certified Brownfield Professional (Silver Certification)

Stephanie Rooney

ENVIRONMENTAL SCIENTIST

EDUCATION:

State University of New York at Oneonta, **Bachelor of Science** in Environmental Science, 2007

PROFESSIONAL EXPERIENCE:

- **IMPACT ENVIRONMENTAL CLOSURES,** Environmental Scientist (2014-Present)
  - Technical report writing including Phase I and Phase II Environmental Site Assessment Reports
  - Develop Phase I and Phase II proposals and contracts
  - Perform groundwater, soil and vapor sampling activities
  - Design and coordinate sampling plans
  - Conduct FOIL searches for environmental site histories
  - Arrange for permitting with village, county and state government agencies

- **Long Island Environmental Assessment Inc,** Project Manager (2007-2011)
  - Develop, coordinate and conduct on-site and off-site soil, groundwater and soil gas (vapor) expedited site characterization investigations
  - Review and evaluation of field and laboratory analytical data including: generation of data tables, hydrographs, time series graphs post maps and cross sections
  - Utilize three-dimensional modeling program (MVS) to generate and visualize plumes and to perform mass calculations on chemicals of concern
  - Review and interpret remediation system data and systems sample results to calculate recovery rates of chemicals of concern and to ensure efficiency and arrange for appropriate maintenance as needed
  - Develop and manage budgets for multiple NYSDEC sites
  - Review all work orders generated by field and office staff, invoices and billing packages
  - Create and submit bid solicitations for subcontracted work
  - Arrange for permitting with village, county and state government agencies
  - Perform statistical analysis and evaluation of collected data including normality tests, parametric and non-parametric trend analyses
  - Design and coordinate sampling plans for sites with sample sizes exceeding 250 samples
  - Develop and coordinate well abandonment activities including calculating amount of water, grout and bentonite to be used on each sampling point and generation of well abandonment logs

- Coordinate maintenance and sampling of whole house treatment systems comprised of granular activated carbon tanks, correspond with homeowners to arrange for access and to explain analytical results
- Assist with the design and coordination of aquifer slug tests
- Generate quarterly and comprehensive investigation/project summary reports
- Supervise field technicians and make real time decisions
- Conduct FOIL searches for municipal water supply data, sensitive receptors and spill histories

---

KEY PROJECTS:

ORGANIZATIONS:

CERTIFICATIONS/ACHIEVEMENTS:

- OSHA 40-Hour HAZWOPER
- National Safety Council CPR Certification
- National Safety Council First Aid Certification

Phase II Environmental Site Assessment

May 3, 2021

Submitted for:
Stevenson Commons
1850 Lafayette Avenue Bronx, New York
New York City Tax Map Designation: Block 3600, Lot 4
CEQR Site No. 21DCP044X

Prepared for:
Camber Property Group LLC
32 East 31st Street, 9th Floor
New York, NY, 10016

Submitted by:
Impact Environmental Closures, Inc.
170 Keyland Court
Bohemia, NY 11716

IEC Project Number:
13453-01

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Table 1: Soil Analysis Comparison Summary
Table 2: Groundwater Analysis Comparison Summary
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Appendix B: Photographic Logs
Appendix C: Soil Boring/ Well Construction Logs
Appendix D: Groundwater Sample Logs
Appendix E: Air Sampling Logs
Appendix F: Laboratory Reports

1 EXECUTIVE SUMMARY

Impact Environmental Closures, Inc. (IEC) has prepared this report to document the findings of a Phase II Environmental Site assessment (ESA) conducted at 1850 Lafayette Avenue, Bronx, New York (the "Site" or "Project"). The project has been assigned the City Environmental Quality Review Technical Manual (CEQR) number 21DCP044X. The scope of work is based upon a Phase II Work Plan prepared by IEC in March 2021, to satisfy the CEQR requirements for a "Hazardous Materials" investigation triggered by the proposed redevelopment of the Site. The Phase II Work Plan and associated Health and Safety Plan (HASP) was approved by New York City Department of Environmental Protection (NYCDEP) on April 5, 2021 (**Attachment A**).

The investigative protocols used for this Assessment were based, in part, upon the following documents: 1) CEQR; 2) 6 New York Codes, Rules and Regulations (NYCRR) Part 375 Soil Cleanup Objectives; 3) New York Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) Water Quality Standards; and, 4) New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion (SVI) in the State of New York, October 2006 (Final Guidance Document).

IEC conducted this Phase II ESA, Subsurface Investigation for the Site in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry. This Phase II ESA presents a comprehensive summary of environmental findings during the field activities performed in April 2021. Objectives of this Phase II ESA were to:

- Evaluate and define the nature and extent of contamination within areas being disturbed during development.
- Generate sufficient data to (if necessary) develop remedial action alternatives.
- Generate sufficient data to (if necessary) evaluate potential threats to human health and or the environment, and impacts to future development.

The following subsurface investigative activities were included in the IEC scope work performed between April 12 through April 14, 2021:

- A total of 19 soil borings were installed at the Site within buildings proposed building footprints B1, B2, B3, B4, B5 and B6 and planned open space area. Of the 19 soil borings, a total of 38 soil samples were collected from two vertical depth intervals per borehole to characterize soil conditions above groundwater within planned excavation areas.

- A total of six (6) groundwater sample were collected from each proposed building location to evaluate groundwater conditions.

- A total of 12 soil vapor implants were installed at a depth interval of 7-to-7.5 feet below grade (fbg) below surface grade being approximately 1-2 feet above current groundwater interface. Two (2) soil vapor implants were installed for each proposed building footprint. In addition, a two (2) ambient air samples were collected concurrently to background conditions.

Based on these investigative activities and subsequent data evaluation, the following findings are presented:

- Stratigraphy: Historic fill was observed throughout the Site and predominately consists of brown fine to coarse sands mixed with anthropogenic material including brick, concrete, wood, glass, metal, plastic and ceramic between 1-to-9 fbg. Following this layer, a gray to black peat material with a humic odor was evident within the 9-to-10 fbg interval. The historic fill layer was encountered within each boring extending to the terminal depth. Native soil was not encountered.

- Hydrogeology: Groundwater was observed at depths ranging from 8.60 to 12.71 feet bgs during the Phase II ESA. Based on gauging data and local topography, groundwater is inferred to flow southeast.

- Historic Fill: Historic fill contains concentrations of PAHs and metals above the regulatory standards. Detected concentrations of PAHs and metals, with the exception of mercury, were typical of historic fill found in New York City. The presence of hazardous lead waste and mercury concentrations up to three orders of magnitude higher than the NYSDEC restricted residential soil clean-up objectives, and elevated PAHs in historic fill within the southern portion of the Site is likely related to the observed presence of anthropogenic material.

- SVOC, PCBs and Metals-Impacted Groundwater: Groundwater across the Site contained SVOCs, PCBs and metals at concentrations above the Class GA TOGS guidance values during this investigation. Elevated PAHs and PCBs in groundwater are likely related to the presence of PAHs/PCBs in historic fill, while the presence of the metals observed in groundwater are likely related to a combination of historic fill quality, entrained sediments in groundwater samples, local geology, and/or regional groundwater conditions. The presence of PAHs, PCBs and metals in groundwater do not trigger the need for additional groundwater remediation.

- CVOC-Impacted Impacted Vapor: Ambient air samples contained typical background levels of VOCs indicative of outdoor urban conditions with no CVOC detections. Soil vapor samples collected detected concentrations predominantly below NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion “monitor

or mitigate" thresholds. However, soil vapor collected within the B1 proposed building footprint contained concentrations of PCE, TCE and Cis-1,2-Dichloroethane above the sub-slab NFA level indicating a future vapor intrusion condition may exist. No point source of this condition could be identified.

Sufficient analytical data were gathered during the Phase II ESA to establish soil cleanup levels and to develop a remedy for the site. The final remedy will be detailed in the forthcoming RAWP. The remedy will address historic fill impacted with metals and SVOCs, and potential vapor intrusion concern at future buildings.

2 SITE BACKGROUND

2.1 Site Description

The Property is situated in a mixed residential and commercial area of the Clason Point neighborhood, Bronx, New York. The Property has been identified as Block 3600 and Lot 4 on the New York City Tax Map. The property comprises 15.59 acres within an R6 zoning district and currently operates as a residential housing complex with 11 multi-story interconnected buildings. The Site is bound to the north by Lafayette Avenue follow by mixed-use residential and commercial buildings and a school (Success Academy); to the east by White Plains Road, a US Postal Service depot and a multi-story rehabilitation center; to the south by Seward Avenue including various multi-family residential buildings; and to the west by Thieriot Avenue and residential properties.

For the purposes of this investigation, the Site has been limited to the portion of the Property planned for redevelopment. This portion consists of the southern parking areas along Seward Avenue, western parking area and recreational fields along Theriot and Lafayette Avenue. This portion is herein referred to as the "Project Area". The Site location and Project Area extent is depicted in **Figure 1 – Site Map**.

A review of historic Sanborn Fire Insurance Maps, aerial images, city directories and previous environmental reports indicate the Site was formerly a part of the Pugsley's Creek prior to land improvement in the 1950s. The property was developed in 1975 for the current residential use. The Project Area is utilized as auxiliary space for the residential complex with recreational fields/courts and parking areas. The Site, development area and Historically Pugsley's Creek is depicted on Figure 1.

2.1.1 Proposed Redevelopment Plan

The new development would include six buildings on the Stevenson Commons site (referred to as Buildings B1, B2, B3, B4, B5, and B6). The proposed actions would include approximately 1.94 acres of publicly accessible open space and an additional 0.68 acres of private open space. Although the Project Area currently exists as Tax Block 3600, Lot 4, it is undergoing a proposed reapportionment into eight new tax lots (identified as Lot 4, 10, 15, 20, 25, 30, 40 and 50) to facilitate future residential development. Excavation plans (SOE drawings) and construction plans for building B1, B2 and B3 are not available at this time, therefore a cellar depth of 8 fbg is assumed for these buildings. For building B4, B5 and B6 the proposed construction has cellar slab elevations extending below the Site water table (maximum of 11.5, 12 and 13 fbg, respectively). Open spaces and landscaped areas may have surficial soils disturbed however roadways and parking areas are assumed to stripped and remain at current grade. There are two (2) proposed stormwater detention tanks situated adjacent to proposed buildings B5 and B6. Proposed buildings and features are included as **Figure 2 – Proposed Development Map**.

2.1.2 Previous Environmental Reports

Previous environmental investigations are described below:

- Phase I Environmental Site Assessment (ESA), dated November 2020, prepared by Impact Environmental Closures, Inc. (Impact) The Phase I ESA identified 15 NYSDEC spill incidents, 1 historic dry cleaner, and 1 historic auto shop within ⅛ of a mile of the Site. Twelve (12) underground storage tanks, three (3) dry cleaning services and 13 above ground storage tanks were identified within ¼ of a mile of the Site and 35 leaking storage tank sites were identified within ½ a mile of the Site.

- Geotechnical Evaluation Reports for Proposed B4, B5 and B6 Buildings, dated November 2019, prepared by GEO Design Inc. The Geotechnical Evaluation within proposed B4, B5 and B6 building footprints identified geology predominantly consisting of fill (containing brown-grey sand with trace brick, concrete and wood) observed to a depth of approximately 18 feet below grade (fbg), dark-brown peat with silt from 18 feet to a depth of approximately 23 fbg; and light brown sand mixed with silt from approximately 23 fbg to bedrock depth. Bedrock was encountered between 35 and 60 fbg. Groundwater was encountered at approximately 10 fbg.

- Geotechnical Evaluation Reports for Proposed B1, B2 and B3 Buildings, dated February 2020, prepared by GEO Design Inc. The Geotechnical Evaluation Report identified geology within proposed B41, B2 and B3 building footprints as predominantly, unconsolidated fill (containing light-grey coarse to fine sand with trace gravel, brick, concrete and wood) to approximately 18 fbg, followed by dark-brown peat with silt down to approximately 25 fbg; followed by light brown sand mixed with silt. Bedrock was encountered between 30 and 60 fbg. Groundwater was encountered at approximately 10 fbg.

- Waste Characterization Report for Buildings B4, B5 and B6, dated January 2021, prepared by Impact Soil samples were collected within proposed B4, B5 and B6 building footprint to adequately characterize soil conditions for disposal purposes. A total of 18 borings were installed to a depth of up to 15 fbg with 11 overburden (4-point composite and discrete grab) samples collected. Samples were analyzed for Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), Pesticides, Herbicides, Polychlorinated Biphenyls (PCBs), Total Metals, Total Cyanide, Total Hexavalent & Trivalent Chromium, Corrosivity (pH), Extractable Petroleum Hydrocarbons (EPH) and for Resource Conservation Recovery Act (RCRA) Metals by Toxicity Characteristic Leaching Procedure (TCLP).

- Groundwater Quality Assessment and Aquifer Testing Report, dated January 2021, prepared by Impact Environmental Closures, Inc. Impact collected two (2) groundwater samples and performed aquifer testing on three (3) groundwater observation wells previously installed by GEO Design in 2019. The purpose of this assessment was to evaluate groundwater conditions for dewatering purposes. Samples collected were analyzed for VOCs, SVOCs, PCBs and Metals for NYCDEP Sewer Discharge Parameters.

The abovementioned investigative reports were enclosed within the Phase II Work Plan, see documents under separate cover.

3 SITE INVESTIGATION ACTIVITIES

Based on the findings of the prior Phase I ESA and above-mentioned development plans, IEC developed the Phase II ESA scope of work to comply with the NYC CEQR requirements to define the environmental quality of the Site with respect to the soil, onsite groundwater and soil vapor conditions. IEC confirmed public utility markout were completed prior to start of work, as required by New York State Public Service Commission, and reviewed prior to the initiation of fieldwork. All field activities performed were conducted in accordance with the NYCDEP-approved HASP. A representative Photographic log of field activities is presented as **Appendix B**. The following subsurface investigative activities were performed by IEC between April 12 to April 14, 2021:

- A total of 19 soil borings were installed at the Site within buildings B1, B2, B3, B4, B5 and B6 and open spaces. Twelve (12) of the test borings within the proposed building footprints collected samples from surface grade to 2 fbg and from 8-10 fbg. Seven (7) soil borings were installed within open spaces throughout the Site, including two (2) within a proposed landscape and water feature area adjacent to B1, two (2) within the proposed tennis court/landscaped area and three (3) within two proposed stormwater detention tank locations. Samples intervals at these open space areas were collected from 0-2 and 2-4 fbg.

- Groundwater samples were collected from four (4) existing permanent 2-inch observation wells installed in 2019 previously by GeoDesign within the footprints of proposed building B2, B4, B5 and B6. Existing wells within proposed building B1 and B3 were deemed non-viable, therefore IEC installed a semi-permanent 2-inch PVC groundwater well to 15-fbg at each the B1 and B3 proposed building locations. Wells were adequately purged, field water quality measurements recorded, and a groundwater sample collected from each location.

- A total of 12 soil vapor implants were installed at a depth interval of 7 - 7.5 fbg below surface grade being approximately 2- feet above current groundwater interface. Two (2) soil vapor implants were installed for each proposed building footprint. Soil vapor samples were collected in accordance with NYSDOH guidance over a 2-hour period for screening purposes. A total of two (2) ambient (upwind) outdoor background air sample were collected at an appropriate location based on prevailing wind direction.

3.1 Soil Sample Collection

IEC installed a total of 19 overburden soil borings, throughout the Site within targeted portions of proposed redevelopment areas. Soil borings were installed using direct push technology via track-mounted Geoprobe 6712. Samples were acquired using 2-inch diameter, 5-foot-long macro-core sample barrels with new, dedicated acetate liners. All downhole equipment was washed between each boring location to prevent potential cross-contamination, utilizing an Alconox-based solution and distilled water rinse. Soil borings, location and terminal depths are indicated within the below table:

Soil Boring ID	Terminal Depth	Proposed Building / Feature Location
B1SB-1	10-Ft	B1 Building
B1SB-2	10-Ft	
B2SB-1	10-Ft	B2 Building
B2SB-2	10-Ft	
B3SB-1	10-Ft	B3 Building
B3SB-2	10-Ft	
B4SB-1	10-Ft	B4 Building
B4SB-2	10-Ft	
B5SB-1	10-Ft	B5 Building
B5SB-2	10-Ft	
B6SB-1	10-Ft	B6 Building
B6SB-2	10-Ft	
OSSB-1	5-Ft	Landscaped Area/ Water Feature
OSSB-2	5-Ft	
OSSB-3	5-Ft	Proposed Tennis Court/ Recreation Area
OSSB-4	5-Ft	
OSSB-5	5-Ft	Water Detention Tank (West)
OSSB-6	5-Ft	
OSSB-7	5-Ft	Water Detention Tank (East)

Samples from twelve (12) soil borings within proposed building footprints were collected from grade to 2 fbg and from 8 to 10 fbg. Furthermore, samples from seven (7) soil borings within opens spaces and features were collected from 0-2 and 2-4 fbg. The locations of these soil borings were selected to obtain representative soil conditions within areas expected to be disturbed during redevelopment. Boring locations are depicted in **Figure 3 – Sample Acquisition Map.**

Discrete media samples were secured at the prescribed depths and contained within a non-reactive transparent plastic sleeve that lined the hollow stainless-steel macro core probe. The plastic sleeves were removed for subsequent inspection and sample aliquot acquisition. Observations of the soil were detailed from grade up to 10 fbg.

Headspace analysis was performed on the subsurface soil samples to provide precursory data regarding contamination. Headspace analysis was performed on each of the acquired samples utilizing a portable photo

ionization detection (PID) meter to measure if hydrocarbon concentrations were present in isolated portions of the secured samples. Headspace analyses were conducted on each soil sample by partially filling a clean zip-lock bag and sealing it, thereby creating a void. This void is referred to as the sample headspace. To facilitate the detection of possible hydrocarbons contained within the headspace, the container was agitated for a period of 30 seconds. The probe of the PID was then injected through the bag into the headspace to measure the hydrocarbon concentrations present.

A MiniRae 3000 PID was selected for the head space analysis. A PID utilizes the principle of photo ionization for detection and measurement of hydrocarbon compounds. A PID does not respond to all compounds similarly; rather, each compound has its own response factor relative to its calibration. For this investigation, the PID was calibrated to isobutylene span gas to yield total VOCs in parts per million by volume (ppm_v) referenced to benzene. Hydrocarbon relative response factors for a PID calibrated to isobutylene are published by the manufacturer. Results of the analysis were used to adjust the sample and analysis program to yield the most accurate and representative results. No significant PID readings above background levels were recorded at the applicable boreholes.

Samples retrieved from the borings were also field screened for visual and olfactory evidence of physical and qualitative characteristics (e.g., industrial waste, discoloration, odors). No discoloration or other observations indicative of gross contamination was identified during soil screening process. Color classifications were made in accordance with the Munsell Classification System. Gradation classifications were made in accordance with the Unified Soil Classification System. Upon completion of the boring, GPS coordinates were captured over the borehole via handheld Trimble 7x and reported in degrees (minutes and seconds) in the World Geodetic System (WGS) datum. All characterization data and field screening data are presented in **Appendix C - Soil Boring Logs**.

3.2 Groundwater Sampling

Existing groundwater observation wells were evaluated for condition and production prior to sampling. The B3-3 well could not be located, and the B1-4 well was observed dry with no production. On April 12, 2021, IEC installed semi-permanent monitoring wells within the B2 and B3 building footprints as to substitute for non-viable existing wells.

These wells, identified as B1MW-1 and B3MW-1 were installed to a depth of 15 feet bgs, using a Geoprobe® 6712 drill rig. The wells were constructed of 10 linear feet of two 2-inch diameter slotted (0.010 inch) schedule 40 PVC screen. The remaining 5-ft balance of the well was constructed with 2-inch diameter schedule 40 PVC riser. The outside of the well from its base to a point two feet above the highest screen section was packed with clean filtration media (Morie sand). A two-foot bentonite seal was packed around the casing above the filtration media. Drill cutting media will be placed above the bentonite seal to a point six inches below existing grade. The remainder of the borehole will be backfilled with cement grout to a point approximately six inches below existing grade. Newly

installed wells were capped with a locking "j-plug" and completed at grade within a cast iron traffic-bearing road box with an access cover. Well Construction Logs are presented in **Appendix C**. Below is a table indicating monitoring well ID, installer, screen depth and corresponding proposed building location:

Monitoring Well ID	Installer	Screen Depth Interval	Proposed Building Location
B1MW-1	IEC	5-15 fbg	B1 Building
B2MW-1 (B2-8)	GEODesign	20-30 fbg	B2 Building
B3MW-1	IEC	5-15 fbg	B3 Building
B4MW-1 (B4-2)	GeoDesign	20-30 fbg	B4 Building
B5MW-1 (B5-2)	GeoDesign	20-30 fbg	B5 Building
B6MW-1 (B6-4)	GeoDesign	20-30 fbg	B6 Building

On April 12, 2021, all groundwater wells were purged by evacuating a minimum of three (3) static well volumes utilizing a peristaltic pump.

A static well volume is defined as: Static well volume = height of water column in feet x (well radius in feet) 2 x π x 7.48 (where 7.48 is the conversion factor for cubic feet to gallons).

Prior to sample collection, gauging measurements and geochemical parameters were recorded using a Horiba U-50 Water Quality Meter. However, at the time of development/ sampling, poor recharge within the B1-MW-1 location prevented geochemical parameters from being recorded. Each well was gauged for the presence of light non-aqueous phase liquid (LNAPL). No LNAPL, olfactory or visual indications of contamination was present during installation or sampling of the referenced wells. The field log protocol recorded sampling data, including sampling date, time, location, sample identification code, depth to water, total depth of the well, method of well purging, and sampling methodology for inclusion into the **Groundwater Sample Log - Appendix D**.

A representative groundwater sample was collected on April 12, 2021 from each well after development/purging via dedicated tubing and peristaltic pump. Groundwater samples were then collected and containerized within laboratory-supplied glassware.

3.3 Soil Vapor Sample Collection

IEC installed 12 soil vapor implants within proposed building footprint locations. Soil vapor implants were installed between 7-to-7.5 fbg being approximately 1-2 ft above the average water table (between 8 and 12 fbg). A porous inert backfill material (washed #1 crushed stone) was packed within this sampling zone to encompass a 6-inch stainless steel vapor implant. The vapor probe was be fitted to inert Teflon tubing from the implant to the surface flow regulator and sample canister. A bentonite grout seal was installed above the sampling interval and at the

surface to prevent ambient air or water to infiltrate the sample probe. Sample vapor implants were set and allowed to equilibrate for a 24-hour period. Below is a table indicating soil vapor implant ID and corresponding proposed building location:

Soil Vapor Implant ID	Proposed Building / Feature Location
B1SV-1	B1 Building
B1SV-2	
B2SV-1	B2 Building
B2SV-2	
B3SV-1	B3 Building
B3SV-2	
B4SV-1	B4 Building
B4SV-2	
B5SV-1	B5 Building
B5SV-2	
B6SV-1	B6 Building
B6SV-2	

Concurrent with soil vapor sample collection, one ambient air sample was collected (prevailing wind is anticipated westerly) on each day vapor sampling occurred (2-days). A total of two (2) ambient air samples were collected utilizing flow regulator and sample canisters set atop an approximate three-foot-tall stand, to establish background conditions at the Site during soil vapor sampling.

Soil vapor and ambient air sampling occurred on April 13 and 14, 2021. Prior to sampling a minimum of three volumes of the soil vapor implant and tubing was purged prior to sample collection to ensure a representative sample of the subsurface vapor is obtained. Flow rates for both purging and sample collection did not exceed 0.2 liters per minute to ensure outdoor air infiltration during sampling does not occur. The sampling flow rate was controlled by a laboratory provided 2-hour pre-programed inlet flow regulator attached to a pre-configured 2.7-liter Summa canister. An air sampling log was completed per sample summarizing sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of the soil vapor extracted, vacuum of canisters before and after the samples are collected, apparent moisture content of the sampling zone, and chain of custody protocols, included as **Appendix E - Air Sampling Logs**.

4 SAMPLE LABORATORY ANALYSES

Soil, groundwater and soil vapor samples were collected in laboratory prepared bottleware/glassware and summa canisters, appropriately labeled and submitted for analysis under proper chain of custody procedures to Alpha Analytical Laboratories (Alpha) of Westborough, Massachusetts, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11408). The investigative activities conducted at the Site were performed under the purview of the NYSDEC DER-10 Technical Guidance for Site Investigation and Site-specific quality assurance/ quality control protocols outlined in the Phase II Work Plan.

4.1 Soil Sample Analysis

A total of 38 soil samples were collected and analyzed for the following:

- NYCRR Part 375 List Volatile organic compounds (VOCs) via EPA Method 8260;
- NYCRR Part 375 List Semi-volatile organic compounds (SVOCs) via EPA Method 8270;
- NYCRR Part 375 List Pesticides and Polychlorinated biphenyls (PCBs) via EPA Method 8081/8082; and,
- Target Analyte List (TAL) Metals via EPA Method 6010.

Soil sample data collected was compared to NYSDEC Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (UU SCOs), NYSDEC Part 375-6.8(b) Restricted Soil Cleanup Objectives (RR SCOs), and NYSDEC Part 375 Protection of Groundwater (PGW SCOs). Soil analytical comparison summary is presented as **Table 1**.

4.2 Groundwater Sample Analysis

A total of six (6) groundwater samples were collected and analyzed for the following:

- NYSDEC TOGS 1.1.1 AWQS List VOCs via EPA Method 8260;
- NYSDEC TOGS 1.1.1 AWQS List SVOCs via EPA Method 8270;
- NYSDEC TOGS 1.1.1 AWQS List Pesticides and PCBs via EPA Method 8081/8082; and,
- Metals (filtered and total) via EPA Method 6010.

Groundwater sample data collected was compared to NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards (AWQS) and Guidance Values for Class GA water. Groundwater analytical comparison summary is presented as **Table 2**.

4.3 Soil Vapor Sample Analysis

A total of two (2) ambient air and 12 soil vapor samples were collected and analyzed for:

- VOCs in accordance with the USEPA Compendium Method TO-15.

Soil vapor sample data collected was compared to NYSDOH October 2006 Final Guidance for Evaluating Soil Vapor Intrusion, Air Guideline Value Table 3.1 Guidance Values and Decision Matrices A, B and C for sub-slab comparative values updated May 2017. Soil vapor and ambient air analytical comparison summary is presented as **Table 3.**

5 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Site Conditions

In general, asphalt was noted between 0 to 6 inches below grade within all boring locations except for borings installed within the grassy field of which contained loamy soil. Following asphalt/loamy soil, brown fine to coarse sands mixed with evidence of trace wood, glass, ceramic, plastic, and some brick was noted between 1-to-9 fbg. Following this layer, a gray to black peat material with a humic odor was evident within the 9-to-10 fbg interval. Petrochemical staining, odors and elevated PID readings were not detected at any of the 19 boreholes.

Groundwater was not initially encountered within borings installed within this investigation. However, groundwater was subsequently measured between 8.60 to 12.71 fbg within recently installed and existing monitoring wells, this variation may be attributed to hydrogeologic conditions or seasonal influences. For further description, please reference the enclosed **Appendix B –Photographic Logs** and **Appendix C – Soil Boring/ Well Construction Logs.**

5.2 Soil Analytical Results

A total of 38 discrete soil samples were collected from the 19 soil borings. The laboratory analysis results compared to applicable regulatory standards indicate the following:

- VOCs: Acetone was detected slightly above UU SCOs and PGW SCOs, in 12 of the 38 shallow and deep samples (this may be attributed to humics and organics within the sample aliquot). No other VOC exceedances were reported.
- SVOCs: Various Polycyclic aromatic hydrocarbons (PAHs) were detected exceeding UU SCO, RR SCOs and PGW SCOs in 27 of the 38 shallow and deep samples.
- PCBs: PCBs were detected exceeding UU SCOs but below RR SCOs within 15 of the 38 shallow and deep samples.
- Pesticides: Various pesticides (4,4'-DDD, 4,4'-DDE and 4,4'-DDT) were detected exceeding UU SCOs but below RR SCOs within 22 of the 38 shallow and deep samples.
- Metals: Metal compounds were detected exceeding UU SCOs in all shallow and deep samples. Multiple heavy metal compounds (arsenic, cadmium, lead, mercury) were detected exceeding RR SCOs and PGW SCOs within 18 of the 38 shallow and deep samples.

Soil samples are depicted on the **Soil Exceedance Map – Figure 4A** and **4B**, presenting analytical results in comparison to regulatory standards. The tabulated laboratory results are presented in **Table 1** and the laboratory report is presented in **Appendix F.**

5.3 Groundwater Results

A total of six (6) groundwater samples were collected from within the six proposed buildings. The laboratory analysis results compared to applicable regulatory standards indicate the following:

- VOCs: No VOC compounds were detected exceeding TOGS AWQS.
- SVOCs: Various PAHs were detected exceeding TOGS AWQS within all groundwater samples.
- PCBs: PCBs were detected exceeding TOGS AWQS within three (3) of the six (6) groundwater samples.
- Pesticides: No Pesticide compounds were detected exceeding TOGS AWQS.
- Total Metals: Metal compounds (aluminum, iron, lead, magnesium, manganese) were detected exceeding TOGS AWQS in five (5) of the six (6) groundwater samples. One heavy metal compound (lead) was detected exceeding TOGS AWQS in five (5) of the six (6) groundwater samples.
- Dissolved Metals: Metal compounds (iron, magnesium, manganese) were detected exceeding TOGS AWQS in four (4) of the six (6) groundwater samples.

The six (6) groundwater samples are depicted on the **Groundwater Exceedance Map – Figure 5**, presenting analytical results in comparison to regulatory standards. The tabulated laboratory results are presented in **Table 2** and the laboratory report is presented in **Appendix E.**

5.4 Soil Vapor Results

A total of 12 Soil vapor samples and two (2) ambient air samples were collected from areas proximal to the six proposed buildings. The State of New York does not have any standards, criteria or guidance values (SCG) for volatile chemicals in subsurface vapors only; the NYSDOH does, however, utilize several decision matrices for evaluating potential soil vapor intrusion for a limited number of compounds under specific circumstances. As such, the soil vapor samples were compared to the sub-slab guidance criteria used in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion decision matrices A, B, and C. The matrices compare concentrations of the following seven (7) chlorinated volatile organic compounds (CVOCs) of concern: 1,1,1-trichloroethane, 1,1-dichloroethene, carbon tetrachloride, cis-1,2-dichloroethene, methylene chloride, PCE, TCE, and vinyl chloride, to determine what action is to be taken to address potential human health exposure. Each of the soil vapor samples were compared to the corresponding sub-slab guidance criteria. The laboratory analysis results compared to applicable regulatory standards indicate the following:

- CVOCs: No CVOCs were detected within the ambient air (AA) samples collected concurrent with soil vapor sampling. CVOCs (Cis-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene) were detected exceeding sub-slab “no-further-action” (NFA) criteria within sample B1SV-1. Other samples contained CVOCs below

actionable concentrations. Other Low-level concentrations of numerous other VOCs typically encountered in urban settings were detected in all samples, including the ambient air samples.

The 12 soil vapor samples and two (2) ambient air samples are depicted on the **Soil Vapor Map** – **Figure 6**, presenting analytical results. The tabulated laboratory results are presented in **Table 3** and the laboratory report is presented in **Appendix E.**

6 CONCLUSIONS AND RECOMMENDATIONS

IEC conducted a Phase II Environmental Site Assessment for the Site in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry. The Phase II ESA was implemented in accordance with the NYSDEP-approved Phase II WP. The findings summarized herein are based on qualitative and quantitative data consisting of field observations, instrumental readings, and laboratory analytical results of soil, groundwater, and soil vapor samples collected during the Phase II ESA at the Site. Findings and conclusions are as follows:

- Stratigraphy: Historic fill was observed throughout the Site and predominately consists of brown fine to coarse sands mixed with anthropogenic material including brick, concrete, wood, glass, metal, plastic and ceramic between 1-to-9 fbg. Following this layer, a gray to black peat material with a humic odor was evident within the 9-to-10 fbg interval. The historic fill layer was encountered within each boring extending to the terminal depth. Native soil was not encountered.

- Hydrogeology: Groundwater was observed at depths ranging from 8.60 to 12.71 feet bgs during the Phase II ESA. Based on gauging data and local topography, groundwater is inferred to flow southeast.

- Historic Fill: Historic fill contains concentrations of PAHs and metals above the UU, RURR, and/or PGW SCOs. Detected concentrations of PAHs and metals, with the exception of mercury, were typical of historic fill found in New York City. The presence of hazardous lead waste, mercury concentrations up to three orders of magnitude higher than the RURR SCO, and elevated PAHs in historic fill in the southern portion of the Site is likely related to the observed presence of anthropogenic material.

- SVOC, PCBs and Metals-Impacted Groundwater: Groundwater across the Site contained SVOCs, PCBs and metals at concentrations above the Class GA TOGS guidance values during this investigation. Elevated PAHs and PCBs in groundwater are likely related to the presence of PAHs/PCBs in historic fill, while the presence of the metals (excluding nickel and chromium) observed in groundwater are likely related to a combination of historic fill quality, entrained sediments in groundwater samples, local geology, and/or regional groundwater conditions. The presence of PAHs, PCBs and metals in groundwater do not trigger the need for additional groundwater remediation.

- CVOC-Impacted Impacted Vapor: Ambient air samples contained typical background levels of VOCs indicative of outdoor urban conditions with no CVOC detections. Soil vapor samples collected detected concentrations predominantly below NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion “monitor or mitigate” thresholds. However, soil vapor collected within the B1 proposed building footprint contained

concentrations of PCE, TCE and Cis-1,2-Dichloroethane above the sub-slab NFA level indicating a future vapor intrusion condition may exist. No point source of this condition could be identified.

Sufficient analytical data were gathered during the Phase II ESA to establish soil cleanup levels and to develop a remedy for the site. The final remedy will be detailed in the forthcoming RAWP. The remedy will address historic fill impacted with metals and SVOCs, and potential vapor intrusion concern at future buildings.

Figures

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
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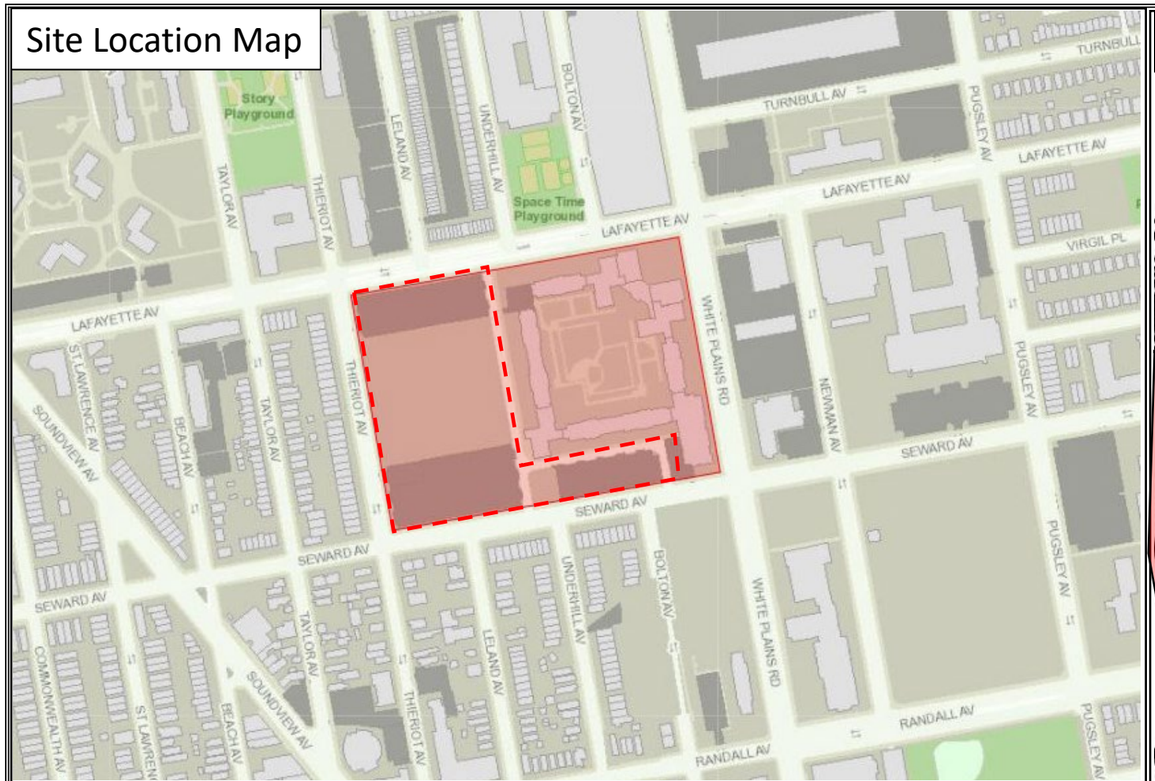
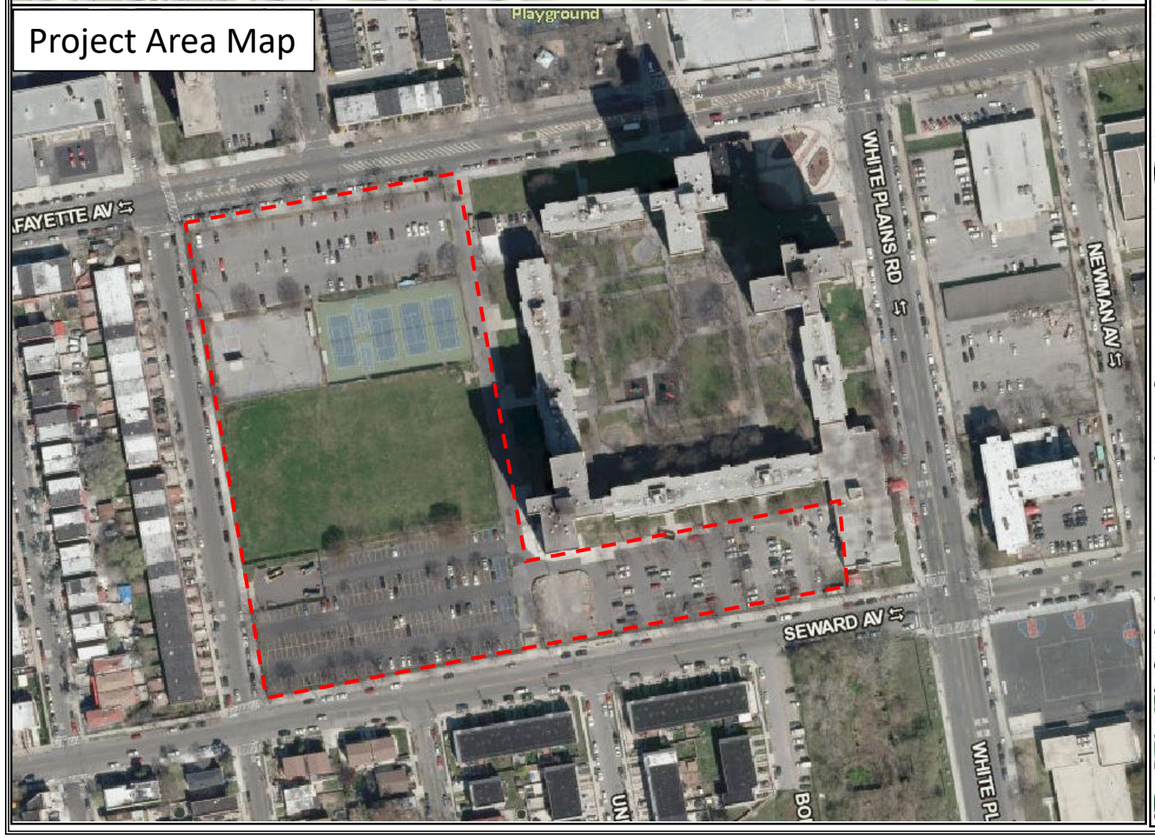
Site Location Map



Project Area Map



1919 – 1969 Sanborn Maps

Legend

- Overall Site Boundary
- Project Area

NOTES:

Base maps:

Site Location Map - NYCOER SPEED Map

Project Area Map – NYCOER SPEED Map

Fire Insurance Sanborn Map - 1919 EDR

SITE LOCATION, PROJECT AREA, AND SANBORN MAPS

1860 Lafayette Avenue, Bronx, NY

(Stevenson Commons)

Figure 1

Project #:	13435
Drawn By:	DF
Checked By:	GMC
Date:	1/27/21
Revisions	

N

Not to scale

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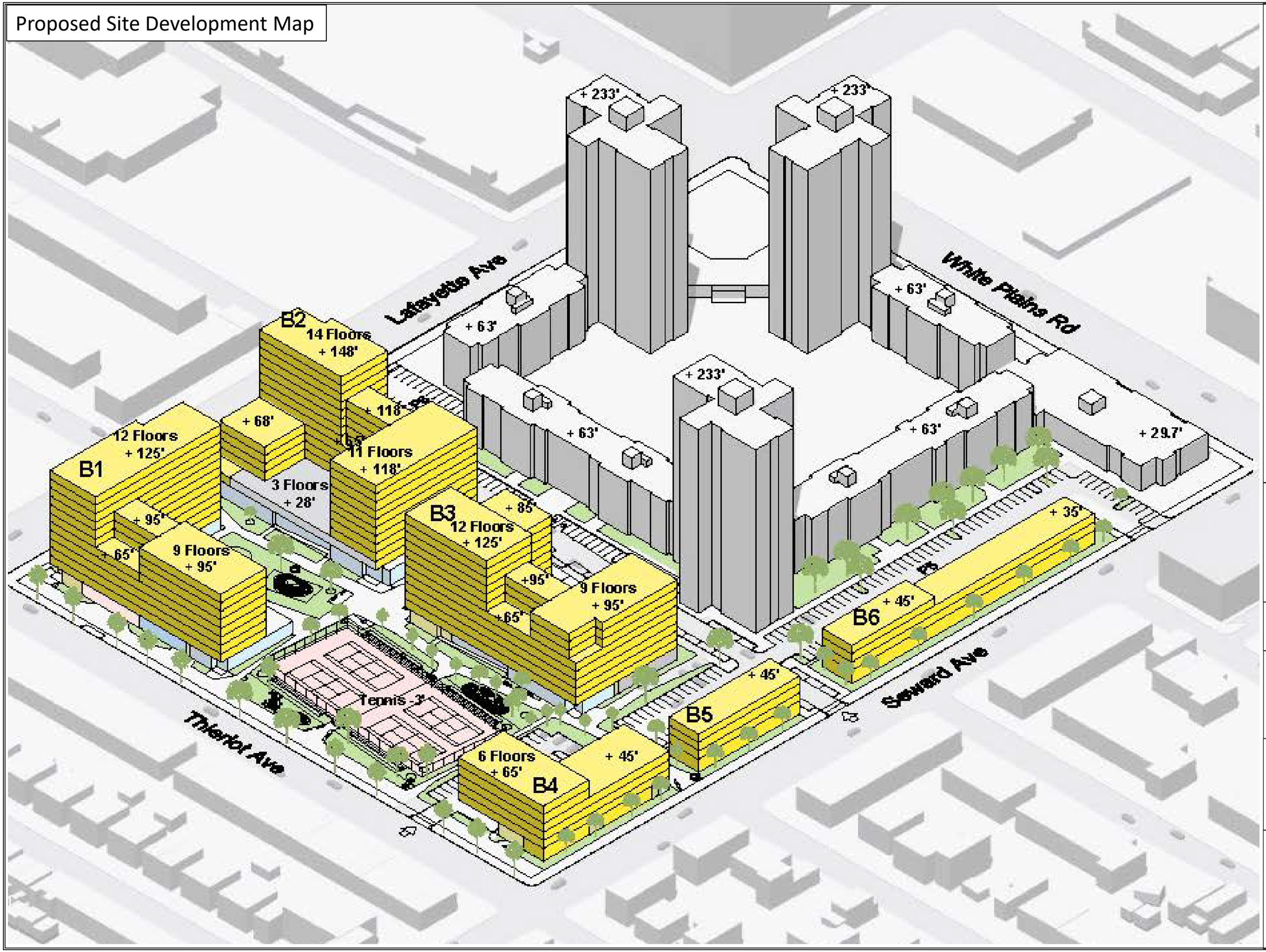
Proposed Site Development Map



Legend

Proposed Building

NOTES:

AXO Southwest – Soundview Urban Design – May 19, 2019

PROPOSED SITE DEVELOPMENT MAP

1860 Lafayette Avenue, Bronx, NY

(Stevenson Commons)

Figure 2

Project #:	13435
Drawn By:	DF
Checked By:	GMC
Date:	1/27/21
Revisions	

Not to scale

IMPACT ENVIRONMENTAL CLOSURES, INC.

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
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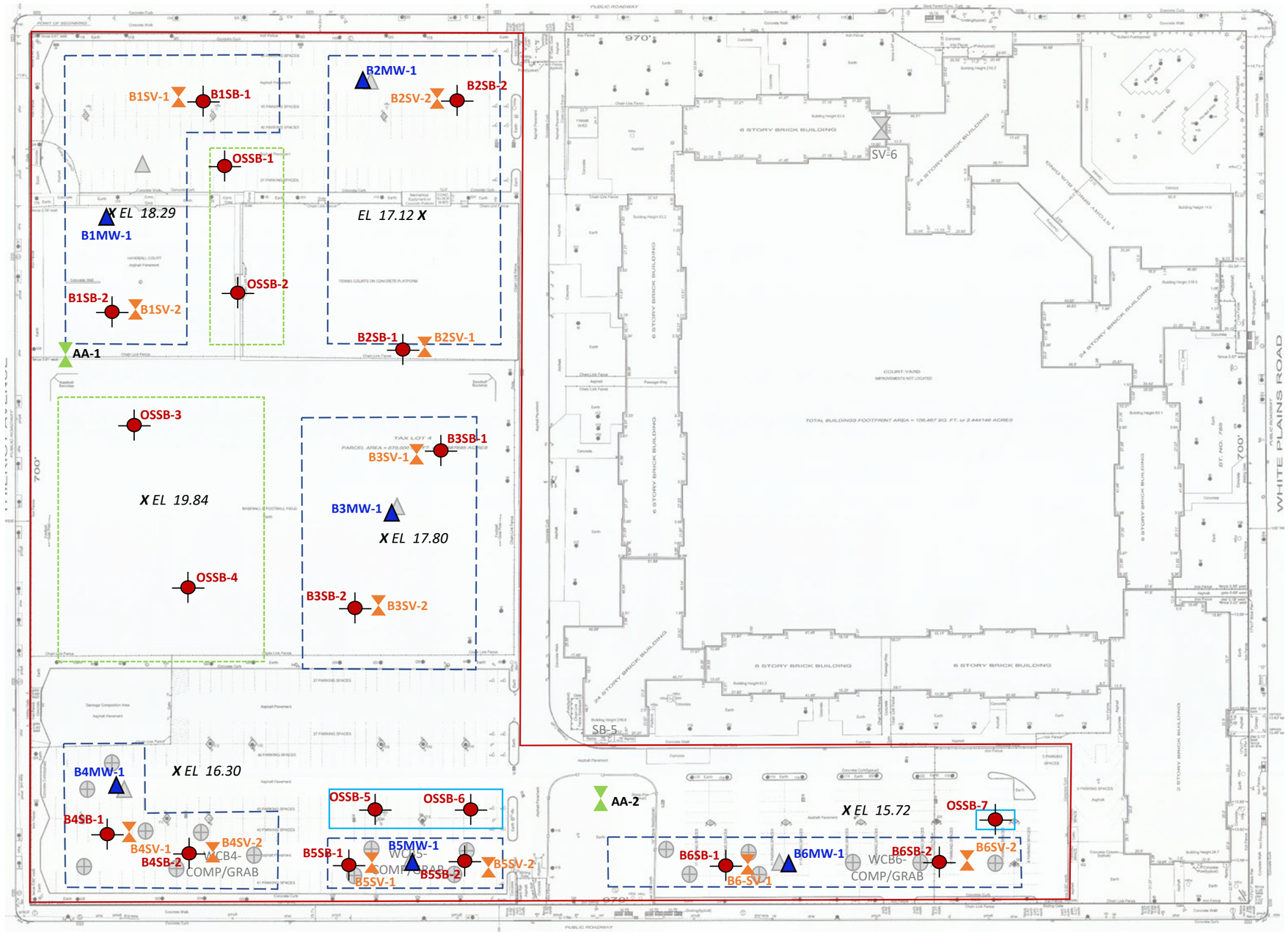

Sample Scheme:

Overburden Boreholes

B1SB-1 –	*0-2' bgs*
	8-10' bgs
B1SB-2 –	*0-2' bgs*
	8-10' bgs
B2SB-1 –	*0-2' bgs*
	8-10' bgs
B2SB-2 –	*0-2' bgs*
	8-10' bgs
B3SB-1 –	*0-2' bgs*
	8-10' bgs
B3SB-2 –	*0-2' bgs*
	8-10' bgs
B4SB-1 –	*0-2' bgs*
	8-10' bgs
B4SB-2 –	*0-2' bgs*
	8-10' bgs
B5SB-1 –	*0-2' bgs*
	8-10' bgs
B5SB-2 –	*0-2' bgs*
	8-10' bgs
B6SB-1 –	*0-2' bgs*
	8-10' bgs
B6SB-2 –	*0-2' bgs*
	8-10' bgs
OSSB-1 –	*0-2' bgs*
	2-4' bgs
OSSB-2 –	*0-2' bgs*
	2-4' bgs
OSSB-3 –	*0-2' bgs*
	2-4' bgs
OSSB-4 –	*0-2' bgs*
	2-4' bgs
OSSB-5 –	*0-2' bgs*
	2-4' bgs
OSSB-6 –	*0-2' bgs*
	2-4' bgs
OSSB-7 –	*0-2' bgs*
	2-4' bgs

Soil Vapor Sample Depths:

B1SV-1 – *8-10' bgs (above water table)*
B1SV-2 – *8-10' bgs (above water table)*
B2SV-1 – *8-10' bgs (above water table)*
B2SV-2 – *8-10' bgs (above water table)*
B3SV-1 – *8-10' bgs (above water table)*
B3SV-2 – *8-10' bgs (above water table)*
B4SV-1 – *8-10' bgs (above water table)*
B4SV-2 – *8-10' bgs (above water table)*
B5SV-1 – *8-10' bgs (above water table)*
B5SV-2 – *8-10' bgs (above water table)*
B6SV-1 – *8-10' bgs (above water table)*
B6SV-2 – *8-10' bgs (above water table)*

GROUNDWATER SAMPLE POINTS:

B1MW-1	**2" Well screened @ 5-15' bgs**
B2MW-1	**2" Well screened @ 5-15' bgs**
B3MW-1	**2" Well screened @ 5-15' bgs**
B4MW-1	**2" Well screened @ 5-15' bgs**
B5MW-1	**2" Well screened @ 5-15' bgs**
B6MW-1	**2" Well screened @ 5-15' bgs**

Legend

- Project Area
- Proposed Detention Tank
- Proposed Open Space
- Proposed Buildings
- Soil Boring Location
- Permanent Monitoring Well Location
- Soil Vapor Sample Location
- Ambient Air Sample Location
- Previous Observation Well Sample Location
- Previous Waste Characterization Sample Location

NOTES:

Elevations(EL) refer to the North American Vertical Datum of 1988 (NAVD 88) from Geotechnical investigation

~ = estimated elevation location

Prior sample locations are depicted in greyscale (transparent)

SAMPLE ACQUISITION MAP

1860 Lafayette Avenue, Bronx, NY

(Stevenson Commons)

Figure 3

Project #:	13453
Drawn By:	DF
Checked By:	GMC
Date:	4/28/21
Revisions	

Not to scale

IMPACT ENVIRONMENTAL CLOSURES, INC.

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
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B1SB-1 (0-2) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
Acetone	0.05	0.05	100	0.05
SVOCs			
No Exceedances			
Polychlorinated Biphenyls			
4,4'-DDT	0.00485P	0.0033	7.9	136
Organochlorine Pesticides			
No Exceedances			
Metals			
Lead, Total	170	63	400	450
Mercury, Total	0.454	0.18	0.81	0.73
Zinc, Total	165	109	10,000	2,480
General Chemistry			
No Exceedances			

B1SB-1 (8-10) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
Acetone	0.15	0.05	100	0.05
SVOCs			
No Exceedances			
Polychlorinated Biphenyls			
4,4'-DDE	0.0081J	0.0033	8.9	17
4,4'-DDT	0.0125JP	0.0033	7.9	136
Organochlorine Pesticides			
No Exceedances			
Metals			
Copper, Total	50.9	50	270	1720
Lead, Total	242	63	400	450
Mercury, Total	0.381	0.18	0.81	0.73
Nickel, Total	36.8	30	310	130
Zinc, Total	452	109	10,000	2,480
General Chemistry			
No Exceedances			

B1SB-2 (0-2) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
No Exceedances			
SVOCs			
Benzo(a)anthracene	1.4	1	1	1
Benzo(a)pyrene	1.4	1	1	22
Benzo(b)fluoranthene	1.7	1	1	1.7
Chrysene	1.4	1	3.9	1
Indeno(1,2,3-cd)pyrene	0.63	0.5	0.5	8.2
Polychlorinated Biphenyls			
4,4'-DDE	0.0101P	0.0033	8.9	17
4,4'-DDT	0.0118JP	0.0033	7.9	136
Organochlorine Pesticides			
Aroclor 1254	0.287	0.1	1.0	3
Aroclor 1260	0.112	0.1	1.0	3
Metals			
Cadmium, Total	3.28	2.5	4.3	7.5
Copper, Total	64.6	50	270	1720
Lead, Total	198	63	400	450
Mercury, Total	0.317	0.18	0.81	0.73
Zinc, Total	143	109	10,000	2,480
General Chemistry			
No Exceedances			

B1SB-2 (8-10) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
Acetone	0.25	0.05	100	0.05
SVOCs			
No Exceedances			
Polychlorinated Biphenyls			
4,4'-DDE	0.00851	0.0033	8.9	17
4,4'-DDT	0.01630	0.0033	7.9	136
Organochlorine Pesticides			
No Exceedances			
Metals			
Lead, Total	111	63	400	450
Zinc, Total	127	109	10,000	2,480
General Chemistry			
No Exceedances			

OSSB-1 (0-2) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
Acetone	0.051	0.05	100	0.05
SVOCs			
Benzo(a)anthracene	6.6	1	1	1
Benzo(a)pyrene	5.5	1	1	22
Benzo(b)fluoranthene	7.3	1	1	1.7
Benzo(k)fluoranthene	2.00	0.8	4	1.7
Chrysene	5.8	1	3.9	1
Dibenzo(a,h)anthracene	0.61	0.33	0.33	1,000
Indeno(1,2,3-cd)pyrene	2.40	0.5	0.5	8.2
Polychlorinated Biphenyls			
4,4'-DDD	0.06520	0.0033	13.0	14
4,4'-DDE	0.00974	0.0033	8.9	17
Organochlorine Pesticides			
No Exceedances			
Metals			
Arsenic, Total	13.7	13	16	16
Cadmium, Total	3.87	2.5	4.3	7.5
Copper, Total	439	50	270	1,720
Lead, Total	881	63	400	450
Mercury, Total	1.300	0.18	0.81	0.73
Nickel, Total	90	30	310	130
Zinc, Total	2,240	109	10,000	2,480
General Chemistry			
Chromium, Trivalent	69	30	180	-

OSSB-1 (2-4) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
No Exceedances			
SVOCs			
Benzo(a)anthracene	2.0	1	1	1
Benzo(a)pyrene	2.0	1	1	22
Benzo(b)fluoranthene	2.6	1	1	1.7
Chrysene	1.8	1	3.9	1
Indeno(1,2,3-cd)pyrene	1.40	0.5	0.5	8.2
Polychlorinated Biphenyls			
4,4'-DDD	0.02010	0.0033	13.0	14
4,4'-DDE	0.0064	0.0033	8.9	17
4,4'-DDT	0.0213P	0.0033	7.9	136
Organochlorine Pesticides			
No Exceedances			
Metals			
Arsenic, Total	13.7	13	16	16
Copper, Total	214	50	270	1,720
Lead, Total	634	63	400	450
Mercury, Total	1.23	0.18	0.81	0.73
Nickel, Total	33	30	310	130
Zinc, Total	518	109	10,000	2,480
General Chemistry			
No Exceedances			

B2SB-2 (0-2) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
No Exceedances			
SVOCs			
No Exceedances			
Polychlorinated Biphenyls			
4,4'-DDD	0.00438P	0.0033	13.0	14
4,4'-DDE	0.0104	0.0033	8.9	17
4,4'-DDT	0.0301P	0.0033	7.9	136
Organochlorine Pesticides			
No Exceedances			
Metals			
Arsenic, Total	25.6	13	16	16
Lead, Total	71.7	63	400	450
Mercury, Total	1.15	0.18	0.81	0.73
Nickel, Total	39	30	310	130
General Chemistry			
Chromium, Trivalent	73	30	180	-

B2SB-1 (8-10) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
No Exceedances			
SVOCs			
Benzo(a)anthracene	1.2	1	1	1
Benzo(a)pyrene	1.2	1	1	22
Benzo(b)fluoranthene	1.6	1	1	1.7
Chrysene	1.2	1	3.9	1
Indeno(1,2,3-cd)pyrene	0.61	0.5	0.5	8.2
Polychlorinated Biphenyls			
4,4'-DDD	0.00798J	0.0033	13.0	14
4,4'-DDE	0.02230	0.0033	8.9	17
4,4'-DDT	0.0483	0.0033	7.9	136
Organochlorine Pesticides			
No Exceedances			
Metals			
Copper, Total	89.4	50	270	1,720
Lead, Total	2,420	63	400	450
Mercury, Total	1.190	0.18	0.81	0.73
Zinc, Total	438	109	10,000	2,480
General Chemistry			
Chromium, Trivalent	60	30	180	-

OSSB-2 (0-2) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
No Exceedances			
SVOCs			
Benzo(b)fluoranthene	1.2	1	1	1.7
Polychlorinated Biphenyls			
4,4'-DDD	0.00694	0.0033	13.0	14
4,4'-DDE	0.0222	0.0033	8.9	17
4,4'-DDT	0.0463	0.0033	7.9	136
Dieldrin	0.00828P	0.0050	0.2	0.1
Organochlorine Pesticides			
No Exceedances			
Metals			
Copper, Total	52	50	270	1,720
Lead, Total	294	63	400	450
Nickel, Total	31.8	30	310	130
Zinc, Total	212	109	10,000	2,480
General Chemistry			
Chromium, Trivalent	31J	30	180	-

OSSB-2 (2-4) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
No Exceedances			
SVOCs			
Benzo(a)anthracene	2.9	1	1	1
Benzo(a)pyrene	2.3	1	1	22
Benzo(b)fluoranthene	3.2	1	1	1.7
Benzo(k)fluoranthene	1.20	0.8	4	1.7
Chrysene	2.8	1	3.9	1
Indeno(1,2,3-cd)pyrene	1.1	0.5	0.5	8.2
Polychlorinated Biphenyls			
4,4'-DDD	0.01180	0.0033	13.0	14
4,4'-DDE	0.0099	0.0033	8.9	17
4,4'-DDT	0.0182	0.0033	7.9	136
Dieldrin	0.0106	0.0050	0.2	0.1
Organochlorine Pesticides			
No Exceedances			
Metals			
Cadmium, Total	2.69	2.5	4.3	7.5
Copper, Total	61	50	270	1,720
Lead, Total	512	63	400	450
Mercury, Total	0.426	0.18	0.81	0.73
Nickel, Total	34.7	30	310	130
Zinc, Total	211	109	10,000	2,480
General Chemistry			
Chromium, Trivalent	42	30	180	-

OSSB-3 (0-2) 4/13/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
No Exceedances			
SVOCs			
No Exceedances			
Polychlorinated Biphenyls			
4,4'-DDD	0.01200	0.0033	13.0	14
4,4'-DDE	0.0158	0.0033	8.9	17
4,4'-DDT	0.1450	0.0033	7.9	136
Organochlorine Pesticides			
No Exceedances			
Metals			
Lead, Total	511	63	400	450
Mercury, Total	0.268	0.18	0.81	0.73
Zinc, Total	217	109	10,000	2,480
General Chemistry			
Chromium, Trivalent	50J	30	180	-

OSSB-3 (2-4) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
No Exceedances			
SVOCs			
Benzo(a)anthracene	1.3	1	1	1
Benzo(a)pyrene	1.3	1	1	22
Benzo(b)fluoranthene	1.6	1	1	1.7
Chrysene	1.2	1	3.9	1
Indeno(1,2,3-cd)pyrene	0.74	0.5	0.5	8.2
Polychlorinated Biphenyls			
4,4'-DDE	0.0053	0.0033	8.9	17
4,4'-DDT	0.0167	0.0033	7.9	136
Organochlorine Pesticides			
No Exceedances			
Metals			
Lead, Total	159	63	400	450
Zinc, Total	145	109	10,000	2,480
General Chemistry			
Chromium, Trivalent	30	30	180	-

OSSB-4 (0-2) 4/13/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
No Exceedances			
SVOCs			
Benzo(a)anthracene	1.4	1	1	1
Benzo(a)pyrene	1.2	1	1	22
Benzo(b)fluoranthene	1.7	1	1	1.7
Chrysene	1.2	1	3.9	1
Indeno(1,2,3-cd)pyrene	0.78	0.5	0.5	8.2
Polychlorinated Biphenyls			
4,4'-DDD	0.01200	0.0033	13.0	14
4,4'-DDE	0.0168	0.0033	8.9	17
4,4'-DDT	0.1450	0.0033	7.9	136
Organochlorine Pesticides			
No Exceedances			
Metals			
Lead, Total	511	63	400	450
Mercury, Total	0.268	0.18	0.81	0.73
Zinc, Total	217	109	10,000	2,480
General Chemistry			
Chromium, Trivalent	50J	30	180	-

OSSB-4 (2-4) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
No Exceedances			
SVOCs			
Benzo(a)anthracene	1.3	1	1	1
Benzo(a)pyrene	1.3	1	1	22
Benzo(b)fluoranthene	1.6	1	1	1.7
Chrysene	1.2	1	3.9	1
Indeno(1,2,3-cd)pyrene	0.74	0.5	0.5	8.2
Polychlorinated Biphenyls			
4,4'-DDD	0.01170	0.0033	13.0	14
4,4'-DDE	0.0070	0.0033	8.9	17
4,4'-DDT	0.0162	0.0033	7.9	136
Organochlorine Pesticides			
No Exceedances			
Metals			
Copper, Total	81	50	270	1,720
Lead, Total	337	63	400	450
Mercury, Total	0.402	0.18	0.81	0.73
Zinc, Total	543	109	10,000	2,480
General Chemistry			
No Exceedances			

B3SB-2 (0-2) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
Acetone	0.10	0.05	100	0.05
SVOCs			
No Exceedances			
Polychlorinated Biphenyls			
4,4'-DDD	0.00931	0.0033	13.0	14
4,4'-DDE	0.0072	0.0033	8.9	17
4,4'-DDT	0.0253P	0.0033	7.9	136
Organochlorine Pesticides			
No Exceedances			
Metals			
Cadmium, Total	4.22	2.5	4.3	7.5
Copper, Total	71.9	50	270	1,720
Lead, Total	310	63	400	450
Mercury, Total	0.507	0.18	0.81	0.73
Nickel, Total	33.4	30	310	130
Zinc, Total	331	109	10,000	2,480
General Chemistry			
Chromium, Trivalent	37	30	180	-

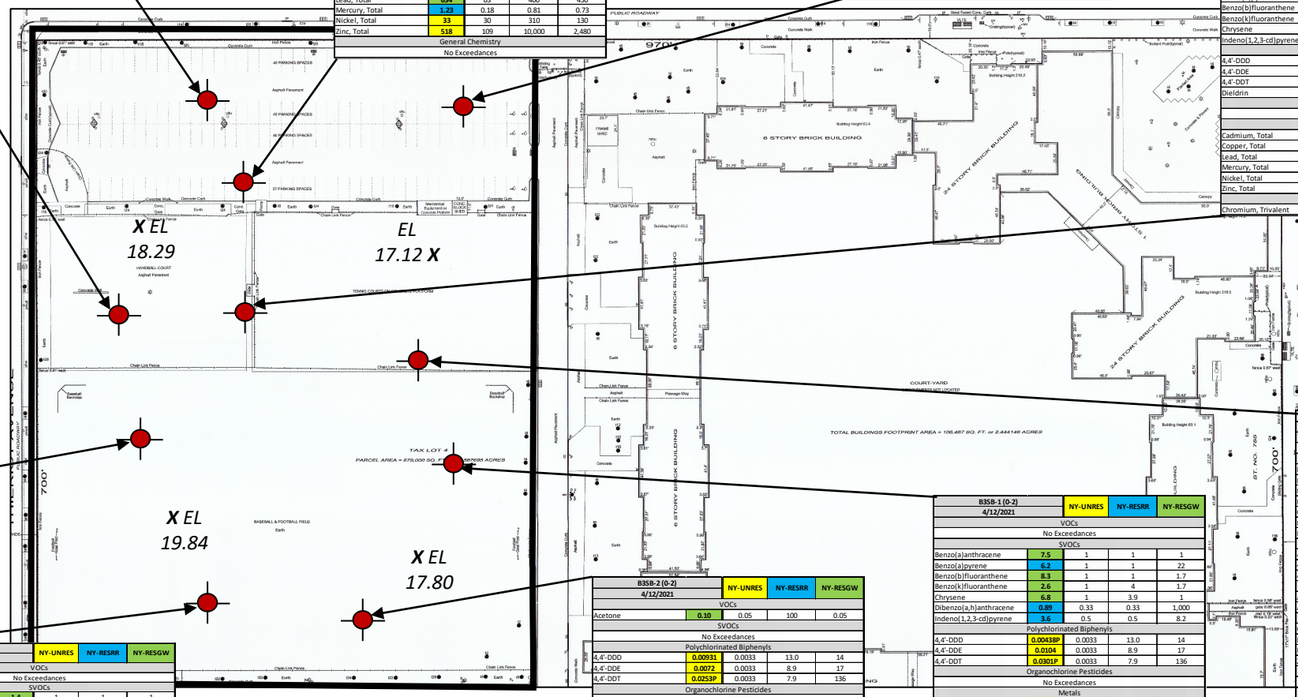
B3SB-2 (8-10) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
Acetone	0.074	0.05	100	0.05
SVOCs			
Benzo(a)anthracene	2.0	1	1	1
Benzo(a)pyrene	1.7	1	1	22
Benzo(b)fluoranthene	2.2	1	1	1.7
Benzo(k)fluoranthene	0.84	0.8	4	1.7
Chrysene	1.9	1	3.9	1
Indeno(1,2,3-cd)pyrene	0.99	0.5	0.5	8.2
Polychlorinated Biphenyls			
4,4'-DDD	0.2200	0.0033	13.0	14
4,4'-DDT	0.1150	0.0033	7.9	136
Organochlorine Pesticides			
No Exceedances			
Metals			
Arsenic, Total	14.1	13	16	16
Cadmium, Total	8	2.5	4.3	7.5
Copper, Total	199.000	50	270	1,720
Lead, Total	1,790	63	400	450
Mercury, Total	1.610	0.18	0.81	0.73
Nickel, Total	90.1	30	310	130
Zinc, Total	3,160	109	10,000	2,480
General Chemistry			
Chromium, Trivalent	45	30	180	-

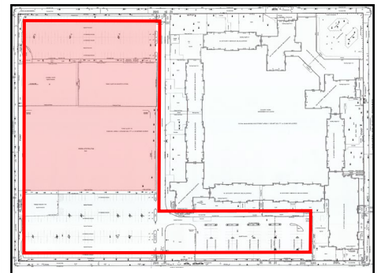
B3SB-1 (0-2) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
No Exceedances			
SVOCs			
Benzo(a)anthracene	7.5	1	1	1
Benzo(a)pyrene	6.2	1	1	22
Benzo(b)fluoranthene	8.3	1	1	1.7
Benzo(k)fluoranthene	2.6	1	4	1.7
Chrysene	6.8	1	3.9	1
Dibenzo(a,h)anthracene	0.89	0.33	0.33	1,000
Indeno(1,2,3-cd)pyrene	3.6	0.5	0.5	8.2
Polychlorinated Biphenyls			
4,4'-DDD	0.00438P	0.0033	13.0	14
4,4'-DDE	0.0104	0.0033	8.9	17
4,4'-DDT	0.0301P	0.0033	7.9	136
Organochlorine Pesticides			
No Exceedances			
Metals			
Barium, Total	496	13	16	16
Copper, Total	54.0	50	270	1,720
Lead, Total	804	63	400	450
Mercury, Total	0.612	0.18	0.81	0.73
Zinc, Total	334	109	10,000	2,480
General Chemistry			
Chromium, Trivalent	31	30	180	-

B3SB-1 (8-10) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
Acetone	0.23	0.05	100	0.05
SVOCs			
Benzo(a)anthracene	1.2	1	1	1
Benzo(a)pyrene	1.1	1	1	22
Benzo(b)fluoranthene	1.4	1	1	1.7
Chrysene	1.1	1	3.9	1
Indeno(1,2,3-cd)pyrene	0.86	0.5	0.5	8.2
Polychlorinated Biphenyls			
4,4'-DDD	0.0235	0.0033	13.0	14
4,4'-DDT	0.0368P	0.0033	7.9	136
Organochlorine Pesticides			
No Exceedances			
Metals			
Copper, Total	114	50	270	1,720
Lead, Total	786	63	400	450
Mercury, Total	0.576	0.18	0.81	0.73
Nickel, Total	31.5	30	310	130
Zinc, Total	570	109	10,000	2,480
General Chemistry			
Chromium, Trivalent	60	30	180	-

B2SB-1 (0-2) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
No Exceedances			
SVOCs			
Benzo(a)anthracene	3.0	1	1	1
Benzo(a)pyrene	2.9	1	1	22
Benzo(b)fluoranthene	3.6	1	1	1.7
Benzo(k)fluoranthene	1.3	1	4	1.7
Chrysene	2.7	1	3.9	1
Dibenzo(a,h)anthracene	0.39	0.33	0.33	1,000
Indeno(1,2,3-cd)pyrene	1.7	0.5	0.5	8.2
Polychlorinated Biphenyls			
4,4'-DDD	0.00872P	0.0033	13.0	14
4,4'-DDE	0.0249P	0.0033	8.9	17
4,4'-DDT	0.0851	0.0033	7.9	136
Organochlorine Pesticides			
Aroclor 1254	0.287	0.1	1.0	3
Aroclor 1260	0.112	0.1	1.0	3
Metals			
Copper, Total	362.0	50	270	1720
Lead, Total	563	63	400	450
Mercury, Total	0.477	0.18	0.81	0.73
Zinc, Total	282	109	10,000	2,480
General Chemistry			
No Exceedances			

B2SB-1 (8-10) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
Acetone	0.14	0.05	100	0.05
SVOCs			
Benzo(a)anthracene	6.2	1	1	1
Benzo(a)pyrene	5.6	1	1	22
Benzo(b)fluoranthene	7.3	1	1	1.7
Benzo(k)fluoranthene	1.9	1	4	1.7
Chrysene	5.1	1	3.9	1
Dibenzo(a,h)anthracene	0.72	0.33	0.33	1,000
Indeno(1,2,3-cd)pyrene	2.9	0.5	0.5	8.2
Polychlorinated Biphenyls			
4,4'-DDD	0.068	0.0033	13.0	14
4,4'-DDE	0.0298P	0.0033	8.9	17
4,4'-DDT	0.0257JP	0.0033	7.9	136
Organochlorine Pesticides			
No Exceedances			
Metals			
Arsenic, Total	18.1	13	16	16
Cadmium, Total	12	2.5	4.3	7.5
Copper, Total	195.000	50	270	1,720
Lead, Total	8,060	63	400	450
Mercury, Total	0.716	0.18	0.81	0.73
Nickel, Total	35.1	30	310	130
Zinc, Total	894	109	10,000	2,480
General Chemistry			
Chromium, Trivalent	60	30	180	-





Key Map

Legend

Soil Boring Location

NOTES:

Elevations(EL) refer to the North American Vertical Datum of 1988 (NAVD 88) from Geotechnical investigation

All concentrations and standards are reported in mg/kg (PPM)

SOIL SAMPLE CONCENTRATION MAP NORTH SEGMENT

1860 Lafayette Avenue, Bronx, NY

(Stevenson Commons)

Not to scale

Figure 4A

Project #:	13453
Drawn By:	DF
Checked By:	GMC
Date:	4/28/21
Revisions	

IMPACT ENVIRONMENTAL CLOSURES, INC.

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599

B4SB-1 (0-2) 4/13/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
No Exceedances				
SVOCs				
Benzo(a)anthracene	1.8	1	1	1
Benzo(a)pyrene	1.6	1	1	22
Benzo(b)fluoranthene	2.0	1	1	1.7
Chrysene	1.6	1	3.9	1
Indeno(1,2,3-cd)pyrene	0.75	0.5	0.5	8.2
Polychlorinated Biphenyls				
4,4'-DDD	0.00931	0.0033	13.0	14
4,4'-DDE	0.0072	0.0033	8.9	17
4,4'-DDT	0.0253P	0.0033	7.9	136
Organochlorine Pesticides				
No Exceedances				
Metals				
Cadmium, Total	4.22	2.5	4.3	7.5
Copper, Total	71.9	50	270	1,720
Lead, Total	310	63	400	450
Mercury, Total	0.507	0.18	0.81	0.73
Nickel, Total	33.4	30	310	130
Zinc, Total	331	109	10,000	2,480
General Chemistry				
No Exceedances				

B4SB-1 (8-10) 4/13/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
Acetone	0.140	0.05	100	0.05
SVOCs				
Benzo(b)fluoranthene	1.1	1	1	1.7
Indeno(1,2,3-cd)pyrene	0.54	0.5	0.5	8.2
Polychlorinated Biphenyls				
4,4'-DDD	0.00967	0.0033	13.0	14
4,4'-DDE	0.00787J	0.0033	8.9	17
4,4'-DDT	0.0153JP	0.0033	7.9	136
Organochlorine Pesticides				
No Exceedances				
Metals				
Barium, Total	372	13	16	16
Copper, Total	57.800	50	270	1,720
Lead, Total	520	63	400	450
Nickel, Total	34.5	30	310	130
General Chemistry				
Chromium, Trivalent	68	30	180	-

OSSB-5 (0-2) 4/13/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
No Exceedances				
SVOCs				
No Exceedances				
Polychlorinated Biphenyls				
No Exceedances				
Organochlorine Pesticides				
No Exceedances				
Metals				
Copper, Total	51	50	270	1,720
Lead, Total	65	63	400	450
Nickel, Total	46.8	30	310	130
General Chemistry				
Chromium, Trivalent	71	30	180	-

OSSB-5 (2-4) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
No Exceedances				
SVOCs				
No Exceedances				
Polychlorinated Biphenyls				
No Exceedances				
Organochlorine Pesticides				
No Exceedances				
Metals				
Copper, Total	77.6	50	270	1,720
Lead, Total	251	63	400	450
Mercury, Total	0.455	0.18	0.81	0.73
Zinc, Total	271	109	10,000	2,480
General Chemistry				
No Exceedances				

OSSB-6 (0-2) 4/13/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
No Exceedances				
SVOCs				
Benzo(a)anthracene	1.3	1	1	1
Benzo(a)pyrene	1.3	1	1	22
Benzo(b)fluoranthene	1.6	1	1	1.7
Chrysene	1.2	1	3.9	1
Indeno(1,2,3-cd)pyrene	0.74	0.5	0.5	8.2
Polychlorinated Biphenyls				
4,4'-DDD	0.0163JP	0.0033	13.0	14
Organochlorine Pesticides				
Aroclor 1254	0.131	0.1	1.0	3
Aroclor 1260	0.127	0.1	1.0	3
Metals				
Arsenic, Total	13.8	13	16	16
Cadmium, Total	3.00	2.5	4.3	7.5
Copper, Total	183	50	270	1,720
Lead, Total	518	63	400	450
Mercury, Total	0.952	0.18	0.81	0.73
Zinc, Total	482	109	10,000	2,480
General Chemistry				
Chromium, Trivalent	54	30	180	-

OSSB-6 (2-4) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
No Exceedances				
SVOCs				
Benzo(b)fluoranthene	1.1	1	1	1.7
Polychlorinated Biphenyls				
4,4'-DDD	0.00955J	0.0033	13.0	14
4,4'-DDE	0.0171	0.0033	8.9	17
4,4'-DDT	0.0262JP	0.0033	7.9	136
Organochlorine Pesticides				
Aroclor 1254	0.131	0.1	1.0	3
Aroclor 1260	0.127	0.1	1.0	3
Metals				
Cadmium, Total	4.13	2.5	4.3	7.5
Copper, Total	103	50	270	1,720
Lead, Total	465	63	400	450
Mercury, Total	0.702	0.18	0.81	0.73
Zinc, Total	545	109	10,000	2,480
General Chemistry				
No Exceedances				

OSSB-7 (0-2) 4/14/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
No Exceedances				
SVOCs				
Benzo(a)anthracene	5.5	1	1	1
Benzo(a)pyrene	4.6	1	1	22
Benzo(b)fluoranthene	5.6	1	1	1.7
Benzo(k)fluoranthene	2.10	0.8	4	1.7
Chrysene	4.7	1	3.9	1
Dibenzo(a,h)anthracene	0.67	0.33	0.33	1,000
Indeno(1,2,3-cd)pyrene	2.80	0.5	0.5	8.2
Polychlorinated Biphenyls				
4,4'-DDD	0.01970	0.0033	13.0	14
4,4'-DDE	0.0323	0.0033	8.9	17
4,4'-DDT	0.1860	0.0033	7.9	136
Organochlorine Pesticides				
No Exceedances				
Metals				
Copper, Total	121	50	270	1,720
Lead, Total	323	63	400	450
Mercury, Total	0.473	0.18	0.81	0.73
Nickel, Total	30.5	30	310	130
Zinc, Total	241	109	10,000	2,480
General Chemistry				
No Exceedances				

OSSB-7 (2-4) 4/14/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
No Exceedances				
SVOCs				
Benzo(a)anthracene	3.1	1	1	1
Benzo(a)pyrene	2.8	1	1	22
Benzo(b)fluoranthene	3.5	1	1	1.7
Benzo(k)fluoranthene	1.30	0.8	4	1.7
Chrysene	2.8	1	3.9	1
Indeno(1,2,3-cd)pyrene	1.90	0.5	0.5	8.2
Polychlorinated Biphenyls				
4,4'-DDD	0.01790	0.0033	13.0	14
4,4'-DDE	0.0240	0.0033	8.9	17
4,4'-DDT	0.0800	0.0033	7.9	136
Organochlorine Pesticides				
No Exceedances				
Metals				
Arsenic, Total	13.3	13	16	16
Cadmium, Total	4.06	2.5	4.3	7.5
Copper, Total	150	50	270	1,720
Lead, Total	648	63	400	450
Mercury, Total	0.734	0.18	0.81	0.73
Nickel, Total	32.4	30	310	130
Zinc, Total	855	109	10,000	2,480
General Chemistry				
Chromium, Trivalent	33	30	180	-

B4SB-2 (0-2) 4/13/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
No Exceedances				
SVOCs				
Benzo(b)fluoranthene	1.4	1	1	1.7
Chrysene	1.0	1	3.9	1
Indeno(1,2,3-cd)pyrene	0.78	0.5	0.5	8.2
Polychlorinated Biphenyls				
4,4'-DDD	0.00931	0.0033	13.0	14
4,4'-DDE	0.0072	0.0033	8.9	17
4,4'-DDT	0.0253P	0.0033	7.9	136
Organochlorine Pesticides				
No Exceedances				
Metals				
Copper, Total	62.9	50	270	1,720
Lead, Total	412	63	400	450
Mercury, Total	0.294	0.18	0.81	0.73
Zinc, Total	650	109	10,000	2,480
General Chemistry				
Chromium, Trivalent	68	30	180	-

B4SB-2 (8-10) 4/13/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
Acetone	0.16	0.05	100	0.05
SVOCs				
Benzo(a)anthracene	1.0	1	1	1
Benzo(b)fluoranthene	1.2	1	1	1.7
Chrysene	1.0	1	3.9	1
Indeno(1,2,3-cd)pyrene	0.60	0.5	0.5	8.2
Polychlorinated Biphenyls				
4,4'-DDD	0.03600	0.0033	13.0	14
4,4'-DDE	0.0110	0.0033	8.9	17
4,4'-DDT	0.0268	0.0033	7.9	136
Organochlorine Pesticides				
No Exceedances				
Metals				
Barium, Total	424	13	16	16
Copper, Total	112	50	270	1,720
Lead, Total	321	63	400	450
Mercury, Total	0.273	0.18	0.81	0.73
Nickel, Total	33	30	310	130
Zinc, Total	328	109	10,000	2,480
General Chemistry				
Chromium, Trivalent	63	30	180	-

B5SB-1 (0-2) 4/13/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
No Exceedances				
SVOCs				
Benzo(a)anthracene	2.4	1	1	1
Benzo(a)pyrene	1.8	1	1	22
Benzo(b)fluoranthene	2.3	1	1	1.7
Chrysene	2.6	1	3.9	1
Indeno(1,2,3-cd)pyrene	0.78	0.5	0.5	8.2
Polychlorinated Biphenyls				
4,4'-DDD	0.02920	0.0033	13.0	14
4,4'-DDE	0.0209	0.0033	8.9	17
4,4'-DDT	0.0274JP	0.0033	7.9	136
Organochlorine Pesticides				
No Exceedances				
Metals				
Copper, Total	82.5	50	270	1,720
Lead, Total	500	63	400	450
Mercury, Total	0.525	0.18	0.81	0.73
Zinc, Total	479	109	10,000	2,480
General Chemistry				
Chromium, Trivalent	37	30	180	-

B5SB-1 (8-10) 4/13/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
No Exceedances				
SVOCs				
Benzo(b)fluoranthene	1.3	1	1	1.7
Chrysene	1.0	1	3.9	1
Indeno(1,2,3-cd)pyrene	0.56 J	0.5	0.5	8.2
Polychlorinated Biphenyls				
4,4'-DDD	0.01630	0.0033	13.0	14
4,4'-DDE	0.00854J	0.0033	8.9	17
Organochlorine Pesticides				
Aroclor 1254	0.109	0.1	1.0	3
Metals				
Cadmium, Total	3.94	2.5	4.3	7.5
Copper, Total	437	50	270	1,720
Lead, Total	4,520	63	400	450
Mercury, Total	0.876	0.18	0.81	0.73
Silver, Total	2.68	2	180	8
Zinc, Total	1,370	109	10,000	2,480
General Chemistry				
No Exceedances				

B5SB-2 (0-2) 4/13/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
No Exceedances				
SVOCs				
Benzo(a)anthracene	1.0	1	1	1
Benzo(b)fluoranthene	1.3	1	1	1.7
Chrysene	1.0	1	3.9	1
Indeno(1,2,3-cd)pyrene	0.52	0.5	0.5	8.2
Polychlorinated Biphenyls				
4,4'-DDD	0.03990	0.0033	13.0	14
Organochlorine Pesticides				
No Exceedances				
Metals				
Copper, Total	114.0	50	270	1,720
Lead, Total	217	63	400	450
Mercury, Total	0.527	0.18	0.81	0.73
Zinc, Total	174	109	10,000	2,480
General Chemistry				
Chromium, Trivalent	160	30	180	-

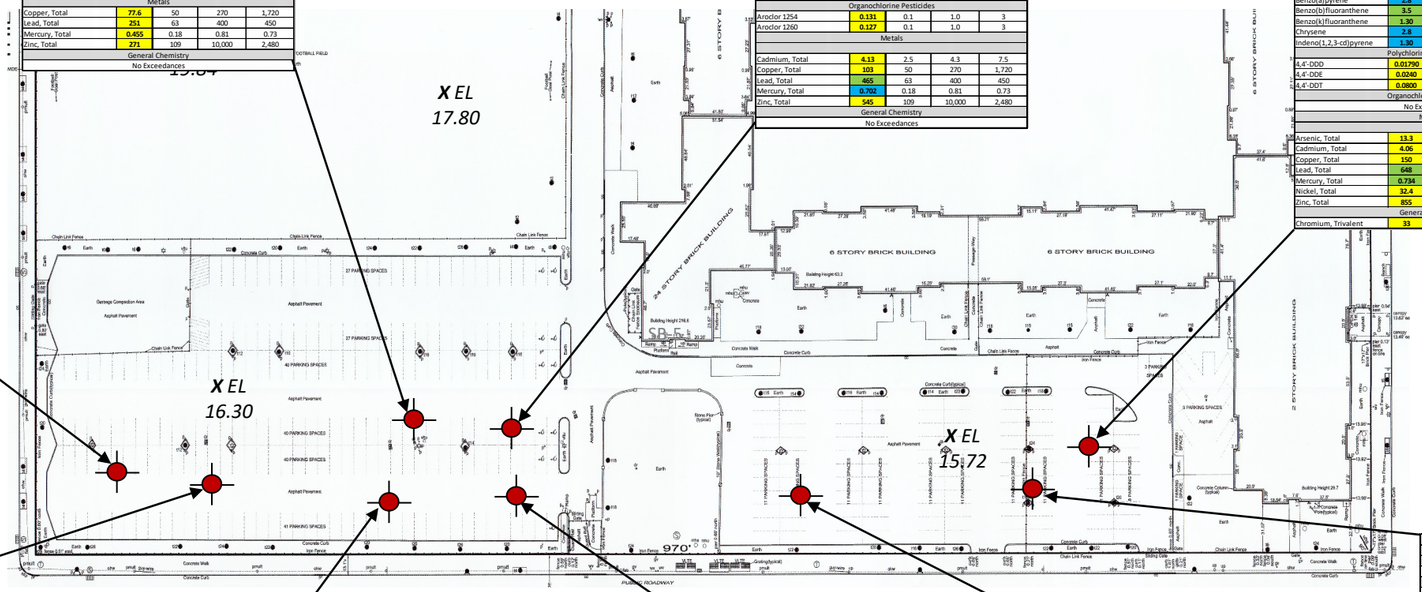
B5SB-2 (8-10) 4/13/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
Acetone	0.28	0.05	100	0.05
SVOCs				
Benzo(a)anthracene	11.0	1	1	1
Benzo(a)pyrene	9.0	1	1	22
Benzo(b)fluoranthene	12.0	1	1	1.7
Benzo(k)fluoranthene	4.20	0.8	4	1.7
Chrysene	9.8	1	3.9	1
Dibenzo(a,h)anthracene	1.30	0.33	0.33	1,000
Indeno(1,2,3-cd)pyrene	5.70	0.5	0.5	8.2
Polychlorinated Biphenyls				
4,4'-DDE	0.0106	0.0033	8.9	17
4,4'-DDT	0.0226P	0.0033	7.9	136
Organochlorine Pesticides				
No Exceedances				
Metals				
Copper, Total	73.1	50	270	1,720
Lead, Total	365	63	400	450
Mercury, Total	0.206	0.18	0.81	0.73
Zinc, Total	314	109	10,000	2,480
General Chemistry				
No Exceedances				

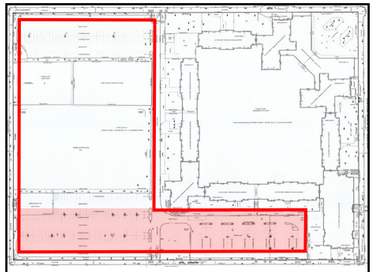
B6SB-1 (0-2) 4/14/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
No Exceedances				
SVOCs				
Benzo(a)anthracene	13.0	1	1	1
Benzo(a)pyrene	9.9	1	1	22
Benzo(b)fluoranthene	15.0	1	1	1.7
Benzo(k)fluoranthene	4.90	0.8	4	1.7
Chrysene	12.0	1	3.9	1
Dibenzo(a,h)anthracene	1.2 J	0.33	0.33	1,000
Indeno(1,2,3-cd)pyrene	5.20	0.5	0.5	8.2
Polychlorinated Biphenyls				
4,4'-DDD	0.00567	0.0033	13.0	14
4,4'-DDE	0.0094	0.0033	8.9	17
4,4'-DDT	0.00787P	0.0033	7.9	136
Organochlorine Pesticides				
Aroclor 1254	0.181	0.1	1.0	3
Aroclor 1260	0.125P	0.1	1.0	3
Metals				
Copper, Total	52.9	50	270	1,720
Lead, Total	167	63	400	450
Mercury, Total	6.09	0.18	0.81	0.73
Zinc, Total	268	109	10,000	2,480
General Chemistry				
No Exceedances				

B6SB-1 (8-10) 4/14/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
No Exceedances				
SVOCs				
No Exceedances				
Polychlorinated Biphenyls				
No Exceedances				
Organochlorine Pesticides				
No Exceedances				
Metals				
Lead, Total	92.6	63	400	450
General Chemistry				
No Exceedances				

B6SB-2 (0-2) 4/14/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
No Exceedances				
SVOCs				
No Exceedances				
Polychlorinated Biphenyls				
No Exceedances				
Organochlorine Pesticides				
No Exceedances				
Metals				
Copper, Total	135	50	270	1,720
Lead, Total	353	63	400	450
Zinc, Total	1,670	109	10,000	2,480
General Chemistry				
No Exceedances				

B6SB-1 (8-10) 4/14/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
No Exceedances				
SVOCs				
No Exceedances				
Polychlorinated Biphenyls				
No Exceedances				
Organochlorine Pesticides				
No Exceedances				
Metals				
Copper, Total	68	50	270	1,720
Lead, Total	425	63	400	450
Mercury, Total	19.000	0.18	0.81	0.73
Nickel, Total	131	30	310	130
Zinc, Total	249	109	10,000	2,480
General Chemistry				
Chromium, Trivalent	32	30	180	-





Key Map

Legend

Soil Boring Location

NOTES:

Elevations(EL) refer to the North American Vertical Datum of 1988 (NAVD 88) from Geotechnical investigation

All concentrations and standards are reported in mg/kg (PPM)

SOIL SAMPLE CONCENTRATION MAP SOUTH SEGMENT

1860 Lafayette Avenue, Bronx, NY

(Stevenson Commons)

Figure 4B

Project #:	13453
Drawn By:	DF
Checked By:	GMC
Date:	4/28/21
Revisions	

Not to scale

IMPACT ENVIRONMENTAL CLOSURES, INC.

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
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B1-MW-1 4/12/2021		NY-TOGS-GA
VOCs		
No Exceedances		N/A
SVOCs		
Benzo(a)anthracene	0.12	0.002
Benzo(a)pyrene	0.13	0
Benzo(b)fluoranthene	0.19	0.002
Benzo(k)fluoranthene	0.06 J	0.002
Chrysene	0.11	0.002
Indeno(1,2,3-cd)pyrene	0.10	0.002
Polychlorinated Biphenyls		
No Exceedances		N/A
Organochlorine Pesticides		
No Exceedances		N/A
Total Metals		
Aluminum, Total	4,730	2,000
Iron, Total	12,700	600
Lead, Total	72.1	50
Magnesium, Total	48,500	35,000
Manganese, Total	2,339	600
Dissolved Metals		
Iron, Dissolved	2,850	300
Magnesium, Dissolved	46,400	35,000
Manganese, Dissolved	2,249	300

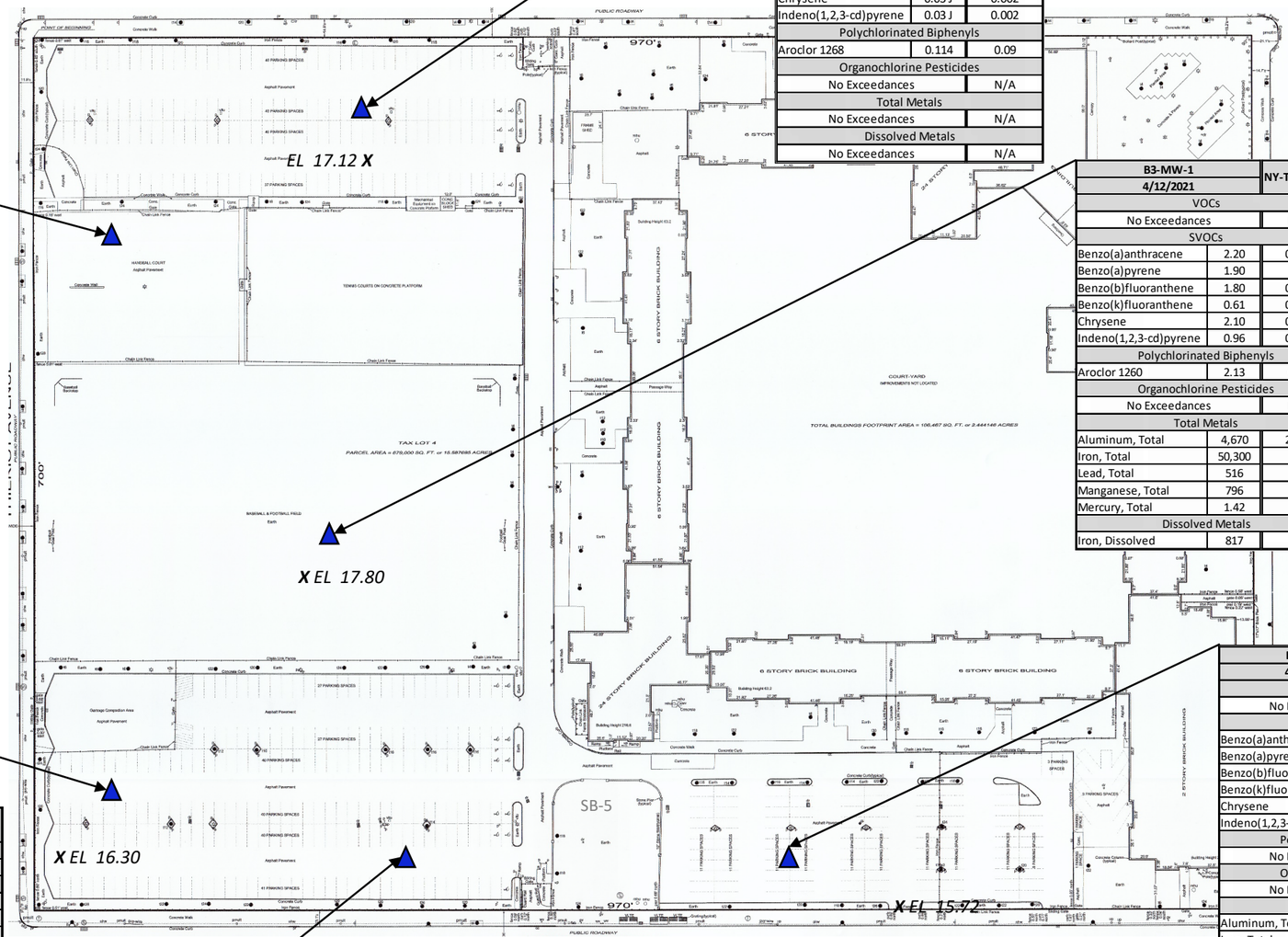
B2-MW-1 4/12/2021		NY-TOGS-GA
VOCs		
No Exceedances		N/A
SVOCs		
Benzo(a)anthracene	0.04 J	0.002
Benzo(a)pyrene	0.03 J	0
Benzo(b)fluoranthene	0.05 J	0.002
Benzo(k)fluoranthene	0.02 J	0.002
Chrysene	0.03 J	0.002
Indeno(1,2,3-cd)pyrene	0.03 J	0.002
Polychlorinated Biphenyls		
Aroclor 1268	0.114	0.09
Organochlorine Pesticides		
No Exceedances		N/A
Total Metals		
No Exceedances		N/A
Dissolved Metals		
No Exceedances		N/A

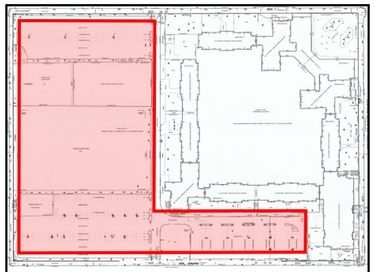
B3-MW-1 4/12/2021		NY-TOGS-GA
VOCs		
No Exceedances		N/A
SVOCs		
Benzo(a)anthracene	2.20	0.002
Benzo(a)pyrene	1.90	0
Benzo(b)fluoranthene	1.80	0.002
Benzo(k)fluoranthene	0.61	0.002
Chrysene	2.10	0.002
Indeno(1,2,3-cd)pyrene	0.96	0.002
Polychlorinated Biphenyls		
Aroclor 1260	2.13	0.09
Organochlorine Pesticides		
No Exceedances		N/A
Total Metals		
Aluminum, Total	4,670	2,000
Iron, Total	50,300	600
Lead, Total	516	50
Manganese, Total	796	600
Mercury, Total	1.42	1.4
Dissolved Metals		
Iron, Dissolved	817	300

B4-MW-1 4/12/2021		NY-TOGS-GA
VOCs		
No Exceedances		N/A
SVOCs		
Benzo(a)anthracene	0.25	0.002
Benzo(a)pyrene	0.24	0
Benzo(b)fluoranthene	0.47	0.002
Benzo(k)fluoranthene	0.11	0.002
Chrysene	0.42	0.002
Indeno(1,2,3-cd)pyrene	0.22	0.002
Polychlorinated Biphenyls		
Aroclor 1260	9.32	0.09
Aroclor 1268	16.1	0.09
Organochlorine Pesticides		
No Exceedances		N/A
Total Metals		
Aluminum, Total	67,600	2,000
Iron, Total	11,000	600
Lead, Total	64.02	50
Magnesium, Total	43,400	35,000
Manganese, Total	1,933	600
Dissolved Metals		
Magnesium, Dissolved	39,500	35,000
Manganese, Dissolved	1,702	300

B5-MW-1 4/12/2021		NY-TOGS-GA
VOCs		
No Exceedances		N/A
SVOCs		
Benzo(a)anthracene	1.20	0.002
Benzo(a)pyrene	1.70	0
Benzo(b)fluoranthene	4.10	0.002
Benzo(k)fluoranthene	1.10	0.002
Chrysene	2.50	0.002
Indeno(1,2,3-cd)pyrene	2.00	0.002
Polychlorinated Biphenyls		
No Exceedances		N/A
Organochlorine Pesticides		
No Exceedances		N/A
Total Metals		
Aluminum, Total	5,890	2,000
Iron, Total	40,600	600
Lead, Total	163.1	50
Magnesium, Total	48,300	35,000
Dissolved Metals		
Magnesium, Dissolved	44,500	35,000

B6-MW-1 4/12/2021		NY-TOGS-GA
VOCs		
No Exceedances		N/A
SVOCs		
Benzo(a)anthracene	3.80	0.002
Benzo(a)pyrene	3.80	0
Benzo(b)fluoranthene	4.80	0.002
Benzo(k)fluoranthene	1.70	0.002
Chrysene	3.60	0.002
Indeno(1,2,3-cd)pyrene	2.30	0.002
Polychlorinated Biphenyls		
No Exceedances		N/A
Organochlorine Pesticides		
No Exceedances		N/A
Total Metals		
Aluminum, Total	2,310	2,000
Iron, Total	5,590	600
Lead, Total	287	50
Dissolved Metals		
No Exceedances		N/A





Key Map

Legend

Permanent Monitoring Well Location

NOTES:

Elevations(EL) refer to the North American Vertical Datum of 1988 (NAVD 88) from Geotechnical investigation

All concentrations and standards are reported in µg/L (PPB)

GROUNDWATER EXCEEDANCE MAP

1860 Lafayette Avenue, Bronx, NY

(Stevenson Commons)

Figure 5

Project #:	13453
Drawn By:	DF
Checked By:	GMC
Date:	4/28/21
Revisions	

N

Not to scale

IMPACT ENVIRONMENTAL CLOSURES, INC.

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599

B1 SV-2	
4/13/2021	
1,1,1-Trichloroethane	ND
1,1-Dichloroethene	ND
Carbon tetrachloride	ND
cis-1,2-Dichloroethene	ND
Methylene chloride	ND
Tetrachloroethene	34.2
Trichloroethene	1.9
Vinyl chloride	ND

AA-1	
4/13/2021	
1,1,1-Trichloroethane	ND
1,1-Dichloroethene	ND
Carbon tetrachloride	ND
cis-1,2-Dichloroethene	ND
Methylene chloride	ND
Tetrachloroethene	ND
Trichloroethene	ND
Vinyl chloride	ND

B3 SV-1	
4/13/2021	
1,1,1-Trichloroethane	ND
1,1-Dichloroethene	ND
Carbon tetrachloride	ND
cis-1,2-Dichloroethene	ND
Methylene chloride	ND
Tetrachloroethene	6.58
Trichloroethene	ND
Vinyl chloride	ND

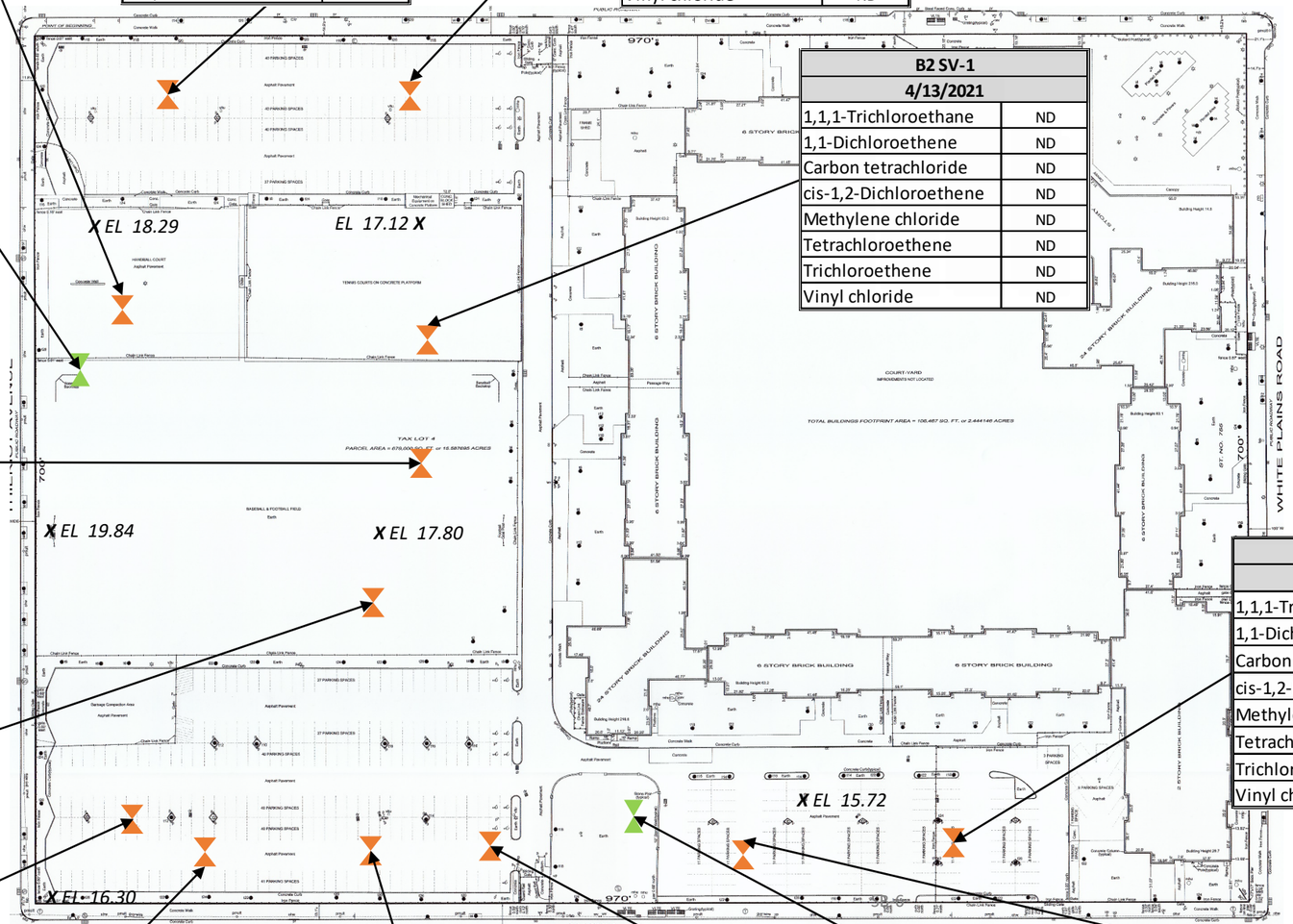
B3 SV-2	
4/13/2021	
1,1,1-Trichloroethane	ND
1,1-Dichloroethene	ND
Carbon tetrachloride	ND
cis-1,2-Dichloroethene	ND
Methylene chloride	2.13
Tetrachloroethene	25.6
Trichloroethene	4.26
Vinyl chloride	ND

B4 SV-1	
4/14/2021	
1,1,1-Trichloroethane	ND
1,1-Dichloroethene	ND
Carbon tetrachloride	ND
cis-1,2-Dichloroethene	ND
Methylene chloride	ND
Tetrachloroethene	36.5
Trichloroethene	ND
Vinyl chloride	ND

B1 SV-1	
4/13/2021	
1,1,1-Trichloroethane	ND
1,1-Dichloroethene	ND
Carbon tetrachloride	ND
cis-1,2-Dichloroethene	56.7
Methylene chloride	ND
Tetrachloroethene	244
Trichloroethene	22
Vinyl chloride	ND

B2 SV-2	
4/13/2021	
1,1,1-Trichloroethane	ND
1,1-Dichloroethene	ND
Carbon tetrachloride	ND
cis-1,2-Dichloroethene	ND
Methylene chloride	ND
Tetrachloroethene	71.9
Trichloroethene	ND
Vinyl chloride	ND

B2 SV-1	
4/13/2021	
1,1,1-Trichloroethane	ND
1,1-Dichloroethene	ND
Carbon tetrachloride	ND
cis-1,2-Dichloroethene	ND
Methylene chloride	ND
Tetrachloroethene	ND
Trichloroethene	ND
Vinyl chloride	ND



B6 SV-2	
4/14/2021	
1,1,1-Trichloroethane	ND
1,1-Dichloroethene	ND
Carbon tetrachloride	ND
cis-1,2-Dichloroethene	ND
Methylene chloride	ND
Tetrachloroethene	7.26
Trichloroethene	2.82
Vinyl chloride	ND

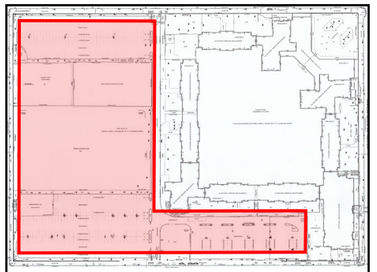
B6 SV-1	
4/14/2021	
1,1,1-Trichloroethane	ND
1,1-Dichloroethene	ND
Carbon tetrachloride	ND
cis-1,2-Dichloroethene	ND
Methylene chloride	ND
Tetrachloroethene	3.43
Trichloroethene	ND
Vinyl chloride	ND

B4 SV-2	
4/14/2021	
1,1,1-Trichloroethane	ND
1,1-Dichloroethene	ND
Carbon tetrachloride	ND
cis-1,2-Dichloroethene	ND
Methylene chloride	ND
Tetrachloroethene	29.2
Trichloroethene	ND
Vinyl chloride	ND

B5 SV-1	
4/14/2021	
1,1,1-Trichloroethane	ND
1,1-Dichloroethene	ND
Carbon tetrachloride	ND
cis-1,2-Dichloroethene	ND
Methylene chloride	ND
Tetrachloroethene	18.3
Trichloroethene	ND
Vinyl chloride	ND

B5 SV-2	
4/14/2021	
1,1,1-Trichloroethane	ND
1,1-Dichloroethene	ND
Carbon tetrachloride	ND
cis-1,2-Dichloroethene	ND
Methylene chloride	ND
Tetrachloroethene	44.4
Trichloroethene	ND
Vinyl chloride	ND

AA-2	
4/14/2021	
1,1,1-Trichloroethane	ND
1,1-Dichloroethene	ND
Carbon tetrachloride	ND
cis-1,2-Dichloroethene	ND
Methylene chloride	ND
Tetrachloroethene	ND
Trichloroethene	ND
Vinyl chloride	ND



Key Map

Legend

Soil Vapor Sample Location

Ambient Air Sample Location

NOTES:

Elevations(EL) refer to the North American Vertical Datum of 1988 (NAVD 88) from Geotechnical investigation

All concentrations are reported in $\mu g/m^3$ (PPB_v)

SOIL VAPOR CONCENTRATION MAP

1860 Lafayette Avenue, Bronx, NY

(Stevenson Commons)

Figure 6

Project #:	13453
Drawn By:	DF
Checked By:	GMC
Date:	4/28/21
Revisions	

N

Not to scale

IMPACT ENVIRONMENTAL CLOSURES, INC.

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Tables

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

Soil Sample Analysis Summary

1850 Lafayette Avenue, Bronx, NY

	LOCATION	NY-RESGW	NY-RESRR	NY-UNRES	Units	B1SB-1 (0-2)	B1SB-1 (8-10)	B1SB-2 (0-2)	B1SB-2 (8-10)	B2SB-1 (0-2)	B2SB-1 (8-10)	B2SB-2 (0-2)	B2SB-2 (8-10)	B3SB-1 (0-2)	B3SB-1 (8-10)	B3SB-2 (0-2)	B3SB-2 (8-10)
	SAMPLING DATE					4/12/2021	4/12/2021	4/12/2021	4/12/2021	4/12/2021	4/12/2021	4/12/2021	4/12/2021	4/12/2021	4/12/2021	4/12/2021	4/12/2021
	LAB SAMPLE ID					L2119400-03	L2119400-04	L2119400-09	L2119400-10	L2119400-11	L2119400-12	L2119400-01	L2119400-02	L2119400-13	L2119400-14	L2119400-15	L2119400-16
	SAMPLE TYPE					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SAMPLE DEPTH (ft.)																
						Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
General Chemistry																	
	Chromium, Hexavalent	19	110	1	mg/kg	ND	0.212J	ND	ND	ND	ND	ND	0.241J	ND	0.282J	ND	ND
	Chromium, Trivalent		180	30	mg/kg	15	26J	15	25	19	60	73	60J	31	24J	37	45
	Cyanide, Total	40	27	27	mg/kg	ND	ND	ND	ND	ND	1J	0.9J	0.25J	ND	ND	ND	0.34J
	Solids, Total				%	89.2	89.4	89.8	84.4	88.4	77.9	76.4	87.1	85.7	88.6	88	62.7
Organochlorine Pesticides by GC																	
	4,4'-DDD	14	13	0.0033	mg/kg	0.000682J	ND	0.00288	0.000781J	0.00872P	0.068	0.00438P	0.00798J	ND	0.0235	0.00931	0.0903
	4,4'-DDE	17	8.9	0.0033	mg/kg	ND	0.0081J	0.0101P	0.00851	0.024IP	0.0299P	0.0104	0.0223	ND	ND	0.0072	0.0383
	4,4'-DDT	136	7.9	0.0033	mg/kg	0.00485P	0.0125JP	0.0118IP	0.0163	0.0851	0.0257JIP	0.0301P	0.0483	ND	0.0368IP	0.0253P	0.0669
	Aldrin	0.19	0.097	0.005	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Alpha-BHC	0.02	0.48	0.02	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Beta-BHC	0.09	0.36	0.036	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-Chlordane	2.9	4.2	0.094	mg/kg	0.00169J	0.00338JP	0.00342	ND	0.0115	ND	ND	0.016	ND	ND	0.00708	0.00578
	Delta-BHC	0.25	100	0.04	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dieldrin	0.1	0.2	0.005	mg/kg	ND	ND	ND	0.000851J	ND	ND	ND	ND	ND	ND	ND	ND
	Endosulfan I	102	24	2.4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endosulfan II	102	24	2.4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endosulfan sulfate	1000	24	2.4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin	0.06	11	0.014	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Heptachlor	0.38	2.1	0.042	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Lindane	0.1	1.3	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Polychlorinated Biphenyls by GC																	
	Aroclor 1016	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1221	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1232	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1242	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	0.12	ND	ND	ND	ND	ND	ND
	Aroclor 1248	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1254	3.2	1	0.1	mg/kg	ND	0.0229J	0.287	ND	ND	0.181	0.0257J	ND	ND	ND	0.0349J	0.22
	Aroclor 1260	3.2	1	0.1	mg/kg	0.0102J	0.0152J	0.112	0.0145J	0.0734	0.0968	0.0129J	0.0628	ND	ND	0.037	0.115
	Aroclor 1262	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1268	3.2	1	0.1	mg/kg	ND	0.00406J	0.0281J	ND	0.0195J	0.0259J	0.00454J	0.0366J	ND	ND	0.043	0.0302J
	PCBs, Total	3.2	1	0.1	mg/kg	0.0102J	0.0422J	0.427J	0.0145J	0.0929J	0.424J	0.0431J	0.0994J	ND	ND	0.115J	0.365J
Semivolatile Organics by GC/MS																	
	2-Methylphenol	0.33	100	0.33	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methylphenol/4-Methylphenol	0.33	100	0.33	mg/kg	ND	ND	ND	ND	ND	0.11J	0.034J	ND	0.043J	ND	ND	ND
	Acenaphthene	98	100	20	mg/kg	0.046J	0.11J	0.35	0.021J	0.32	0.8	ND	0.1J	0.72	0.085J	0.15	0.25
	Acenaphthylene	107	100	100	mg/kg	0.047J	0.057J	0.057J	ND	0.32	0.2	0.046J	0.75	1.1	0.26	0.084J	0.17J
	Anthracene	1000	100	100	mg/kg	0.11	0.26	0.65	0.059J	0.86	2	0.064J	0.56	3.1	0.33	0.31	0.76
	Benzo(a)anthracene	1	1	1	mg/kg	0.48	0.67	1.4	0.23	3	6.2	0.12J	1.2	7.5	1.2	0.84	2
	Benzo(a)pyrene	22	1	1	mg/kg	0.47	0.53	1.4	0.24	2.9	5.6	0.086J	1.2	6.2	1.1	0.76	1.7
	Benzo(b)fluoranthene	1.7	1	1	mg/kg	0.62	0.79	1.7	0.35	3.6	7.3	0.11J	1.6	8.3	1.4	0.95	2.2
	Benzo(ghi)perylene	1000	100	100	mg/kg	0.31	0.45	0.6	0.11J	1.5	2.5	0.056J	0.61	3.1	0.84	0.38	0.8
	Benzo(k)fluoranthene	1.7	3.9	0.8	mg/kg	0.23	0.29	0.66	0.12	1.3	1.9	0.049J	0.51	2.6	0.44	0.35	0.84
	Chrysene	1	3.9	1	mg/kg	0.49	0.7	1.4	0.23	2.7	5.1	0.13	1.2	6.8	1.1	0.77	1.9
	Dibenzo(a,h)anthracene	1000	0.33	0.33	mg/kg	0.074J	0.082J	0.14	0.029J	0.39	0.72	ND	ND	0.89	0.2	0.094J	0.22
	Dibenzofuran	210	59	7	mg/kg	0.024J	0.085J	0.17J	ND	0.14J	0.41	0.034J	0.058J	0.57	0.047J	0.064J	0.16J
	Fluoranthene	1000	100	100	mg/kg	0.9	1.4	2.8	0.31	5.4	11	0.25	2	14	2.3	1.6	3.9
	Fluorene	386	100	30	mg/kg	0.049J	0.14J	0.31	ND	0.26	0.79	ND	0.14J	1.2	0.1J	0.13J	0.29
	Hexachlorobenzene	3.2	1.2	0.33	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Grey Shaded indicate value above RL but below MDL
Color Shaded indicate value exceeding Regulatory Standards
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Qualifiers
J = Estimated Value - Detection value below RL
P = RPD between result the method -specific criteria
ND = Non-detect

Soil Sample Analysis Summary

1850 Lafayette Avenue, Bronx, NY

	LOCATION	NY-RESGW	NY-RESRR	NY-UNRES	Units	B1SB-1 (0-2)	B1SB-1 (8-10)	B1SB-2 (0-2)	B1SB-2 (8-10)	B2SB-1 (0-2)	B2SB-1 (8-10)	B2SB-2 (0-2)	B2SB-2 (8-10)	B3SB-1 (0-2)	B3SB-1 (8-10)	B3SB-2 (0-2)	B3SB-2 (8-10)
	SAMPLING DATE					4/12/2021	4/12/2021	4/12/2021	4/12/2021	4/12/2021	4/12/2021	4/12/2021	4/12/2021	4/12/2021	4/12/2021	4/12/2021	4/12/2021
	LAB SAMPLE ID					L2119400-03	L2119400-04	L2119400-09	L2119400-10	L2119400-11	L2119400-12	L2119400-01	L2119400-02	L2119400-13	L2119400-14	L2119400-15	L2119400-16
	SAMPLE TYPE					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SAMPLE DEPTH (ft.)																
						Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	mg/kg	0.32	0.36	0.63	0.11J	1.7	2.9	0.044J	0.61	3.6	0.86	0.42	0.89
	Naphthalene	12	100	12	mg/kg	0.03J	0.11J	0.16J	ND	0.14J	0.55	0.1J	0.15J	0.31	0.071J	0.12J	0.15J
	Pentachlorophenol	0.8	6.7	0.8	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	0.32	ND	ND	ND
	Phenanthrene	1000	100	100	mg/kg	0.54	1.1	2	0.16	3.2	6.2	0.44	1	10	1.2	1.1	2.8
	Phenol	0.33	100	0.33	mg/kg	ND	ND	ND	ND	ND	0.046J	ND	ND	0.032J	ND	ND	ND
	Pyrene	1000	100	100	mg/kg	0.83	1.2	2.3	0.46	4.8	8.8	0.25	1.9	12	2.1	1.4	3.2
Total Metals																	
	Arsenic, Total	16	16	13	mg/kg	2.52	5.63	3.33	2.66	4.96	18.1	25.6	4.81	5.5	4.78	4.42	14.1
	Barium, Total	820	400	350	mg/kg	201	204	178	139	319	173	204	75	496	339	336	132
	Beryllium, Total	47	72	7.2	mg/kg	0.203J	0.282	0.212J	0.403	0.35	0.592	2.23	0.31	0.471	0.355	0.323	0.41
	Cadmium, Total	7.5	4.3	2.5	mg/kg	1.44	1.25	3.28	1.52	1.92	11.6	1.81	1.58	1.37	2.31	4.22	8.23
	Chromium, Total				mg/kg	15.4	26.6	15	24.8	19.4	59.9	72.8	60.8	30.9	23.8	36.7	44.8
	Copper, Total	1720	270	50	mg/kg	45.9	50.9	64.6	39.5	362	195	44.3	89.4	54	114	71.9	199
	Lead, Total	450	400	63	mg/kg	170	242	198	111	563	8060	71.7	2420	804	786	310	1790
	Manganese, Total	2000	2000	1600	mg/kg	249	221	214	266	194	237	103	236	188	238	289	343
	Mercury, Total	0.73	0.81	0.18	mg/kg	0.454	0.381	0.317	0.14	0.477	0.716	1.15	1.19	0.612	0.576	0.507	1.61
	Nickel, Total	130	310	30	mg/kg	13	36.6	16.1	16.6	20.2	35.1	39	18.7	23.5	31.5	33.4	90.1
	Selenium, Total	4	180	3.9	mg/kg	ND	0.191J	ND	ND	0.162J	1.43	ND	0.628J	0.128J	0.25J	0.183J	1.07J
	Silver, Total	8.3	180	2	mg/kg	ND	0.235J	ND	ND	0.319J	1.6	ND	0.239J	0.206J	0.372J	0.179J	1.09
	Zinc, Total	2480	10000	109	mg/kg	165	452	143	127	282	894	80.4	438	334	570	331	3160
Volatile Organics by EPA 5035																	
	1,1,1-Trichloroethane	0.68	100	0.68	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	0.27	26	0.27	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	0.33	100	0.33	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trimethylbenzene	3.6	52	3.6	mg/kg	ND	0.0018J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	1.1	100	1.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	0.02	3.1	0.02	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	8.4	52	8.4	mg/kg	ND	0.0012J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dichlorobenzene	2.4	49	2.4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	1.8	13	1.8	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dioxane	0.1	13	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	0.12	100	0.12	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	0.05	100	0.05	mg/kg	0.09	0.15	ND	0.25	ND	0.14	0.024	0.016	0.0086J	0.23	0.1	0.074
	Benzene	0.06	4.8	0.06	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon tetrachloride	0.76	2.4	0.76	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	1.1	100	1.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	0.37	49	0.37	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	0.25	100	0.25	mg/kg	ND	0.0044	ND	ND	ND	0.0011J	ND	ND	ND	ND	ND	ND
	Ethylbenzene	1	41	1	mg/kg	ND	0.0014J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl tert butyl ether	0.93	100	0.93	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	0.05	100	0.05	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	12	100	12	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	n-Propylbenzene	3.9	100	3.9	mg/kg	ND	0.00045J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene				mg/kg	ND	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p/m-Xylene				mg/kg	ND	0.0024J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	11	100	11	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	tert-Butylbenzene	5.9	100	5.9	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.3	19	1.3	mg/kg	ND	0.0073	ND	ND	ND	0.00066J	0.0072	0.00062	ND	ND	ND	ND
	Toluene	0.7	100	0.7	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	0.19	100	0.19	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	0.47	21	0.47	mg/kg	ND	ND	ND	ND	ND	0.00045J	0.00081	ND	ND	ND	ND	ND
	Vinyl chloride	0.02	0.9	0.02	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Grey Shaded indicate value above RL but below MDL
Color Shaded indicate value exceeding Regulatory Standards
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NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Qualifiers
J = Estimated Value - Detection value below RL
P = RPD between result the method -specific criteria
ND = Non-detect

Soil Sample Analysis Summary

1850 Lafayette Avenue, Bronx, NY

	LOCATION	NY-RESGW	NY-RESRR	NY-UNRES	Units	B4SB-1 (0-2)	B4SB-1 (8-10)	B4SB-2 (0-2)	B4SB-2 (8-10)	B5SB-1 (0-2)	B5SB-1 (8-10)	B5SB-2 (0-2)	B5SB-2 (8-10)	B6SB-1 (0-2)	B6SB-1 (8-10)	B6SB-2 (0-2)	B6SB-2 (8-10)	OSSB-1 (0-2)
	SAMPLING DATE					4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/14/2021	4/14/2021	4/14/2021	4/14/2021	4/12/2021
	LAB SAMPLE ID					L2119400-21	L2119400-22	L2119400-25	L2119400-26	L2119400-23	L2119400-24	L2119400-27	L2119400-28	L2119400-37	L2119400-38	L2119400-33	L2119400-34	L2119400-07
	SAMPLE TYPE					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SAMPLE DEPTH (ft.)																	
						Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
General Chemistry																		
	Chromium, Hexavalent	19	110	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	4.74	0.422J	ND	ND	ND	ND
	Chromium, Trivalent		180	30	mg/kg	14	68	36	63	37	24	160	26	17J	19	17	32	69
	Cyanide, Total	40	27	27	mg/kg	ND	ND	ND	ND	ND	ND	ND	0.24J	ND	0.26J	0.38J	ND	0.35J
	Solids, Total				%	89.9	90.2	92.4	90.3	92.1	83.5	90	88	71	91.2	89.1	93.3	87.7
Organochlorine Pesticides by GC																		
	4,4'-DDD	14	13	0.0033	mg/kg	ND	0.00967	ND	0.036	0.0292	0.0163	0.0399	ND	0.00567	ND	ND	ND	0.0652
	4,4'-DDE	17	8.9	0.0033	mg/kg	ND	0.00787J	ND	0.011	0.0209	0.00854J	ND	0.0106	0.00936	ND	ND	ND	0.00974
	4,4'-DDT	136	7.9	0.0033	mg/kg	ND	0.0153JP	ND	0.0268	0.0274JP	ND	ND	0.0226P	0.00787IP	ND	ND	0.00224JIP	ND
	Aldrin	0.19	0.097	0.005	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Alpha-BHC	0.02	0.48	0.02	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Beta-BHC	0.09	0.36	0.036	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-Chlordane	2.9	4.2	0.094	mg/kg	ND	0.00325JP	ND	ND	ND	ND	ND	ND	0.00826	ND	ND	ND	0.00761J
	Delta-BHC	0.25	100	0.04	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dieldrin	0.1	0.2	0.005	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endosulfan I	102	24	2.4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endosulfan II	102	24	2.4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endosulfan sulfate	1000	24	2.4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin	0.06	11	0.014	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Heptachlor	0.38	2.1	0.042	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Lindane	0.1	1.3	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Polychlorinated Biphenyls by GC																		
	Aroclor 1016	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1221	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1232	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1242	3.2	1	0.1	mg/kg	ND	0.0362	0.0374	0.0284J	0.0426	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1248	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1254	3.2	1	0.1	mg/kg	ND	0.0626	0.0464	0.0337J	0.0605	0.109	ND	ND	0.181	ND	0.0445	ND	ND
	Aroclor 1260	3.2	1	0.1	mg/kg	0.00897J	0.0437	0.0386	0.0322J	0.0567	0.0633	0.0947	0.0325J	0.125P	0.0181J	0.0249J	0.0345J	0.0431
	Aroclor 1262	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1268	3.2	1	0.1	mg/kg	ND	0.0174J	0.0125J	0.0276J	0.021J	0.0226J	0.0439	0.0155J	ND	ND	ND	0.0203J	0.015J
	PCBs, Total	3.2	1	0.1	mg/kg	0.00897J	0.16J	0.135J	0.122J	0.181J	0.195J	0.139	0.048J	0.306	0.0181J	0.0694J	0.0548J	0.0581J
Semivolatile Organics by GC/MS																		
	2-Methylphenol	0.33	100	0.33	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methylphenol/4-Methylphenol	0.33	100	0.33	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acenaphthene	98	100	20	mg/kg	0.18J	0.052J	0.076J	0.12J	0.56J	0.17J	0.086J	2.2	1.7J	ND	ND	0.029J	0.49
	Acenaphthylene	107	100	100	mg/kg	0.15J	0.13J	0.25	0.16	0.22J	ND	0.095J	0.43J	2.4	ND	ND	0.034J	0.42
	Anthracene	1000	100	100	mg/kg	0.78	0.22	0.34	0.36	0.96	0.37J	0.3	6.6	3.7	ND	ND	0.08J	3
	Benzo(a)anthracene	1	1	1	mg/kg	1.8	0.76	0.98	1	2.4	0.99	1	11	13	0.31J	0.11J	0.23	6.6
	Benzo(a)pyrene	22	1	1	mg/kg	1.6	0.72	0.96	0.89	1.8	0.91	0.95	9	9.9	0.26J	ND	0.23	5.5
	Benzo(b)fluoranthene	1.7	1	1	mg/kg	2	1.1	1.4	1.2	2.3	1.3	1.3	12	15	0.24J	0.16J	0.3	7.3
	Benzo(ghi)perylene	1000	100	100	mg/kg	0.65J	0.5	0.64	0.54	0.72	0.57J	0.5	4.9	3.9	0.22J	ND	0.16	2
	Benzo(k)fluoranthene	1.7	3.9	0.8	mg/kg	0.74	0.37	0.47	0.43	0.74	0.43J	0.45	4.2	4.9	ND	ND	0.11	2
	Chrysene	1	3.9	1	mg/kg	1.6	0.83	1	1	2.6	1	1	9.8	12	0.37J	0.11J	0.24	5.8
	Dibenzo(a,h)anthracene	1000	0.33	0.33	mg/kg	0.16J	0.13	0.17	0.15	0.2J	0.13J	0.12	1.3	1.2J	ND	ND	0.043J	0.61
	Dibenzofuran	210	59	7	mg/kg	0.15J	0.041J	0.068J	0.066J	0.3J	0.16J	0.066J	1.6	2.4	ND	ND	0.016J	0.43
	Fluoranthene	1000	100	100	mg/kg	3.3	1.4	1.7	1.9	4.4	1.9	1.8	23	35	0.23J	0.13J	0.39	12
	Fluorene	386	100	30	mg/kg	0.31J	0.044J	0.067J	0.13J	0.58J	0.18J	0.089J	3.1	2.2J	ND	ND	0.027J	0.84
	Hexachlorobenzene	3.2	1.2	0.33	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Grey Shaded indicate value above RL but below MDL
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Qualifiers
J = Estimated Value - Detection value below RL
P = RPD between result the method -specific criteria
ND = Non-detect

Soil Sample Analysis Summary

1850 Lafayette Avenue, Bronx, NY

	LOCATION	NY-RESGW	NY-RESRR	NY-UNRES	Units	B4SB-1 (0-2)	B4SB-1 (8-10)	B4SB-2 (0-2)	B4SB-2 (8-10)	B5SB-1 (0-2)	B5SB-1 (8-10)	B5SB-2 (0-2)	B5SB-2 (8-10)	B6SB-1 (0-2)	B6SB-1 (8-10)	B6SB-2 (0-2)	B6SB-2 (8-10)	OSSB-1 (0-2)
	SAMPLING DATE					4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/14/2021	4/14/2021	4/14/2021	4/14/2021	4/12/2021
	LAB SAMPLE ID					L2119400-21	L2119400-22	L2119400-25	L2119400-26	L2119400-23	L2119400-24	L2119400-27	L2119400-28	L2119400-37	L2119400-38	L2119400-33	L2119400-34	L2119400-07
	SAMPLE TYPE					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SAMPLE DEPTH (ft.)																	
						Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	mg/kg	0.75	0.54	0.74	0.6	0.78	0.56J	0.52	5.7	5.2	0.15J	ND	0.18	2.4
	Naphthalene	12	100	12	mg/kg	ND	0.045J	0.078J	0.071J	0.51J	0.26J	0.067J	1.1	0.77J	ND	ND	0.022J	0.29
	Pentachlorophenol	0.8	6.7	0.8	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	1000	100	100	mg/kg	2.4	0.59	0.79	1.4	4	1.4	1	21	31	0.33J	ND	0.3	7.2
	Phenol	0.33	100	0.33	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Pyrene	1000	100	100	mg/kg	2.6	1.2	1.5	1.6	4.5	1.6	1.6	18	26	0.42J	0.12J	0.34	10
Total Metals																		
	Arsenic, Total	16	16	13	mg/kg	2.08	ND	2.54	3.61	9.11	5.28	4.38	3.32	4.42	5.54	7.31	1.87	13.7
	Barium, Total	820	400	350	mg/kg	127	372	159	424	85.7	90.4	125	212	50.9	83.3	173	114	159
	Beryllium, Total	47	72	7.2	mg/kg	0.266	0.162J	0.226	0.31	0.427	0.244	0.117J	0.158J	0.272	0.342	0.17J	0.195J	0.415
	Cadmium, Total	7.5	4.3	2.5	mg/kg	0.49	0.564	1.53	1.22	1.8	3.94	1.01	1.28	0.91	0.427	1.7	0.808	3.87
	Chromium, Total				mg/kg	13.5	68.1	35.7	63	37.4	23.8	159	31.1	17.6	18.6	17.1	31.6	68.7
	Copper, Total	1720	270	50	mg/kg	32.8	57.8	62.9	112	82.5	437	114	73.1	52.9	21.1	135	68.2	439
	Lead, Total	450	400	63	mg/kg	75.8	520	412	321	500	4520	217	365	167	92.6	353	425	881
	Manganese, Total	2000	2000	1600	mg/kg	188	207	227	246	254	209	154	241	185	125	209	151	448
	Mercury, Total	0.73	0.81	0.18	mg/kg	0.08	0.05J	0.294	0.273	0.525	0.876	0.527	0.206	6.09	0.088	0.172	19	1.3
	Nickel, Total	130	310	30	mg/kg	10.8	34.5	28.5	33	25.6	25.5	12.9	14.1	19.8	15.3	13.9	131	89.7
	Selenium, Total	4	180	3.9	mg/kg	ND	ND	ND	ND	0.557J	0.427J	0.233J	1.45	0.376J	0.405J	0.166J	ND	0.607J
	Silver, Total	8.3	180	2	mg/kg	ND	ND	0.226J	ND	0.788	2.68	0.279J	0.21J	0.414J	ND	0.148J	ND	1.43
	Zinc, Total	2480	10000	109	mg/kg	85.1	50.7	650	328	479	3370	174	314	268	71.8	1670	249	2240
Volatile Organics by EPA 5035																		
	1,1,1-Trichloroethane	0.68	100	0.68	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	0.27	26	0.27	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	0.33	100	0.33	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trimethylbenzene	3.6	52	3.6	mg/kg	ND	ND	ND	ND	0.00051J	ND	ND	0.0016J	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	1.1	100	1.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	0.02	3.1	0.02	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	8.4	52	8.4	mg/kg	ND	ND	ND	ND	ND	ND	ND	0.0012J	ND	ND	ND	ND	ND
	1,3-Dichlorobenzene	2.4	49	2.4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	1.8	13	1.8	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dioxane	0.1	13	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	0.12	100	0.12	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	0.05	100	0.05	mg/kg	0.017	0.14	0.027	0.16	0.038	0.017	0.0087J	0.28	0.036	0.021	0.0085J	0.039	0.051
	Benzene	0.06	4.8	0.06	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon tetrachloride	0.76	2.4	0.76	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	1.1	100	1.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	0.37	49	0.37	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	0.25	100	0.25	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00031J
	Ethylbenzene	1	41	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl tert butyl ether	0.93	100	0.93	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	0.05	100	0.05	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	12	100	12	mg/kg	ND	ND	ND	ND	ND	ND	ND	0.00049J	ND	ND	ND	ND	ND
	n-Propylbenzene	3.9	100	3.9	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p/m-Xylene				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	11	100	11	mg/kg	ND	ND	ND	ND	ND	ND	ND	0.0012	ND	ND	ND	ND	ND
	tert-Butylbenzene	5.9	100	5.9	mg/kg	ND	ND	ND	ND	ND	ND	ND	0.00017J	ND	ND	ND	ND	ND
	Tetrachloroethene	1.3	19	1.3	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00087	ND	0.00069	ND
	Toluene	0.7	100	0.7	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	0.19	100	0.19	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	0.47	21	0.47	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	0.02	0.9	0.02	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Grey Shaded indicate value above RL but below MDL
Color Shaded indicate value exceeding Regulatory Standards
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Qualifiers
J = Estimated Value - Detection value below RL
P = RPD between result the method -specific criteria
ND = Non-detect

Soil Sample Analysis Summary

1850 Lafayette Avenue, Bronx, NY

	LOCATION	NY-RESGW	NY-RESRR	NY-UNRES	Units	OSSB-1 (2-4)	OSSB-2 (0-2)	OSSB-2 (2-4)	OSSB-3 (0-2)	OSSB-3 (2-4)	OSSB-4 (0-2)	OSSB-4 (2-4)	OSSB-5 (0-2)	OSSB-5 (2-4)	OSSB-6 (0-2)	OSSB-6 (2-4)	OSSB-7 (0-2)	OSSB-7 (2-4)
	SAMPLING DATE					4/12/2021	4/12/2021	4/12/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/14/2021	4/14/2021
	LAB SAMPLE ID					L2119400-08	L2119400-05	L2119400-06	L2119400-17	L2119400-18	L2119400-19	L2119400-20	L2119400-31	L2119400-32	L2119400-29	L2119400-30	L2119400-35	L2119400-36
	SAMPLE TYPE					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SAMPLE DEPTH (ft.)																	
						Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
General Chemistry																		
	Chromium, Hexavalent	19	110	1	mg/kg	ND	0.214J	ND	0.2J	ND	0.437J	ND	ND	ND	ND	ND	ND	ND
	Chromium, Trivalent		180	30	mg/kg	46	31J	42	50J	30	41J	23	71	24	54	23	22	33
	Cyanide, Total	40	27	27	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.79J	1.6
	Solids, Total				%	85.3	88.6	90.1	94.9	94.2	82.4	83.2	93.1	92.9	87.3	89.4	83.3	89.7
Organochlorine Pesticides by GC																		
	4,4'-DDD	14	13	0.0033	mg/kg	0.0201	0.00694	0.0118	0.012	0.00233P	0.00979	0.0117	ND	ND	0.0163IP	0.00955J	0.0197	0.0179
	4,4'-DDE	17	8.9	0.0033	mg/kg	0.00635	0.0222	0.00994	0.0168	0.00533	0.00701	0.007	ND	ND	ND	0.0171	0.0323	0.024
	4,4'-DDT	136	7.9	0.0033	mg/kg	0.0213P	0.0463	0.0182	0.145	0.0167	0.017	0.0162	ND	ND	ND	0.0262JP	0.186	0.08
	Aldrin	0.19	0.097	0.005	mg/kg	ND	0.000826J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Alpha-BHC	0.02	0.48	0.02	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Beta-BHC	0.09	0.36	0.036	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-Chlordane	2.9	4.2	0.094	mg/kg	0.00574	0.00462	0.00322JP	0.00534	0.00342	0.00369P	0.00285P	ND	ND	ND	ND	ND	0.00736J
	Delta-BHC	0.25	100	0.04	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dieldrin	0.1	0.2	0.005	mg/kg	ND	0.00828P	0.0106	0.00437P	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endosulfan I	102	24	2.4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endosulfan II	102	24	2.4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endosulfan sulfate	1000	24	2.4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin	0.06	11	0.014	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Heptachlor	0.38	2.1	0.042	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Lindane	0.1	1.3	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Polychlorinated Biphenyls by GC																		
	Aroclor 1016	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1221	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1232	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1242	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1248	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1254	3.2	1	0.1	mg/kg	0.0519	0.0218J	0.0314J	ND	0.0202J	0.0317J	0.0254J	ND	ND	0.131	ND	ND	ND
	Aroclor 1260	3.2	1	0.1	mg/kg	0.0427	0.0188J	0.0215J	ND	0.0294J	0.0466	0.038J	0.0116J	0.0214J	0.127	0.0694	0.0612	0.0858
	Aroclor 1262	3.2	1	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1268	3.2	1	0.1	mg/kg	0.0133J	0.00614J	0.00586J	ND	0.012J	0.0186J	0.0182J	0.00382J	0.0119J	0.0598	0.0375	0.0247J	0.0357J
	PCBs, Total	3.2	1	0.1	mg/kg	0.108J	0.0467J	0.0588J	ND	0.0616J	0.0969J	0.0816J	0.0154J	0.0333J	0.318	0.107	0.0859J	0.122J
Semivolatile Organics by GC/MS																		
	2-Methylphenol	0.33	100	0.33	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methylphenol/4-Methylphenol	0.33	100	0.33	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acenaphthene	98	100	20	mg/kg	0.24	0.17	0.56	0.055J	0.23	0.19	0.21	ND	ND	0.14J	ND	1.3	0.43J
	Acenaphthylene	107	100	100	mg/kg	0.27	0.085J	0.18	0.061J	0.089J	0.12J	0.15J	ND	ND	ND	ND	0.25J	0.2J
	Anthracene	1000	100	100	mg/kg	0.85	0.27	1.3	0.18	0.46	0.44	0.53	0.068J	ND	0.41J	0.24J	3.2	1.2
	Benzo(a)anthracene	1	1	1	mg/kg	2	0.96	2.9	0.69	1.3	1.4	1.6	0.42	0.53	1.6	0.9	5.5	3.1
	Benzo(a)pyrene	22	1	1	mg/kg	2	0.87	2.3	0.62	1.3	1.2	1.4	0.37	0.57J	1.3	0.71J	4.6	2.8
	Benzo(b)fluoranthene	1.7	1	1	mg/kg	2.6	1.2	3.2	0.78	1.6	1.7	1.7	0.65	0.91	1.9	1.1	5.6	3.5
	Benzo(ghi)perylene	1000	100	100	mg/kg	1.2	0.43	0.98	0.38	0.72	0.73	0.91	0.21	0.36J	0.65J	0.42J	2.5	1.1
	Benzo(k)fluoranthene	1.7	3.9	0.8	mg/kg	0.78	0.42	1.2	0.25	0.6	0.31	0.6	0.21	0.3J	0.62	0.38J	2.1	1.3
	Chrysene	1	3.9	1	mg/kg	1.8	0.87	2.8	0.62	1.2	1.2	1.5	0.53	0.71	1.7	0.91	4.7	2.8
	Dibenzo(a,h)anthracene	1000	0.33	0.33	mg/kg	0.31	0.11	0.25	0.093J	0.17	0.18	0.21	0.049J	ND	0.16J	0.11J	0.67	0.3J
	Dibenzofuran	210	59	7	mg/kg	0.26	0.084J	0.3	0.026J	0.1J	0.099J	0.1J	ND	ND	ND	ND	0.73J	0.24J
	Fluoranthene	1000	100	100	mg/kg	3.5	1.6	6.4	1.3	2.8	2.7	3.6	0.68	0.9	2.6	1.5	11	5.7
	Fluorene	386	100	30	mg/kg	0.33	0.11J	0.57	0.056J	0.18	0.18J	0.18J	ND	ND	0.13J	ND	1.3	0.51J
	Hexachlorobenzene	3.2	1.2	0.33	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Qualifiers
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P = RPD between result the method -specific criteria
ND = Non-detect

Soil Sample Analysis Summary

1850 Lafayette Avenue, Bronx, NY

	LOCATION	NY-RESGW	NY-RESRR	NY-UNRES	Units	OSSB-1 (2-4)	OSSB-2 (0-2)	OSSB-2 (2-4)	OSSB-3 (0-2)	OSSB-3 (2-4)	OSSB-4 (0-2)	OSSB-4 (2-4)	OSSB-5 (0-2)	OSSB-5 (2-4)	OSSB-6 (0-2)	OSSB-6 (2-4)	OSSB-7 (0-2)	OSSB-7 (2-4)
	SAMPLING DATE					4/12/2021	4/12/2021	4/12/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/14/2021	4/14/2021
	LAB SAMPLE ID					L2119400-08	L2119400-05	L2119400-06	L2119400-17	L2119400-18	L2119400-19	L2119400-20	L2119400-31	L2119400-32	L2119400-29	L2119400-30	L2119400-35	L2119400-36
	SAMPLE TYPE					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SAMPLE DEPTH (ft.)																	
						Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
	Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	mg/kg	1.4	0.47	1.1	0.4	0.74	0.78	0.94	0.2	0.38J	0.69J	0.43J	2.8	1.3
	Naphthalene	12	100	12	mg/kg	0.23	0.064J	0.12J	0.026J	0.13J	0.15J	0.12J	ND	ND	ND	ND	0.26J	0.17J
	Pentachlorophenol	0.8	6.7	0.8	mg/kg	ND	ND	ND	0.11J	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	1000	100	100	mg/kg	1.9	1.2	5.8	0.7	2	1.9	2.4	0.24	0.3J	1.4	0.94	9.4	3.9
	Phenol	0.33	100	0.33	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Pyrene	1000	100	100	mg/kg	2.9	1.4	5.4	1.2	2.4	2.4	3.2	0.67	0.83	2.6	1.4	8.7	4.8
Total Metals																		
	Arsenic, Total	16	16	13	mg/kg	13.7	4.2	5.53	3.98	1.6	4.1	5.5	1.22	4.54	13.8	9.92	6.94	13.3
	Barium, Total	820	400	350	mg/kg	305	202	242	252	245	204	167	278	213	37.7	51.4	92.2	83.3
	Beryllium, Total	47	72	7.2	mg/kg	1.01	0.161J	0.202J	0.258	0.215	0.3	0.35	0.129J	0.307	0.397	0.363	0.262	0.359
	Cadmium, Total	7.5	4.3	2.5	mg/kg	2.21	1.9	2.69	2.06	1.58	1.58	1.52	0.679	1.3	3	4.13	2.48	4.06
	Chromium, Total				mg/kg	45.9	31.3	42	50.2	29.6	41.9	23	70.6	24.5	54.2	23.3	22.1	32.8
	Copper, Total	1720	270	50	mg/kg	214	52.1	61.4	49.9	39.6	50.3	80.9	50.6	77.6	183	103	121	150
	Lead, Total	450	400	63	mg/kg	634	294	512	511	159	281	337	65.2	251	518	465	323	648
	Manganese, Total	2000	2000	1600	mg/kg	241	196	272	264	189	220	234	183	203	224	199	247	304
	Mercury, Total	0.73	0.81	0.18	mg/kg	1.23	0.127	0.474	0.268	0.154	0.305	0.402	0.106	0.455	0.952	0.702	0.473	0.734
	Nickel, Total	130	310	30	mg/kg	33.2	31.8	34.7	27.5	20.7	17.2	22.2	46.8	19.9	28.6	23.6	30.5	32.4
	Selenium, Total	4	180	3.9	mg/kg	0.371J	0.161J	ND	0.115J	ND	0.333J	0.214J	ND	ND	0.582J	0.624J	0.234J	0.735J
	Silver, Total	8.3	180	2	mg/kg	0.661	0.291J	0.126J	1.71	0.203J	0.276J	0.36J	ND	0.324J	1.08	0.787	0.392J	0.509
	Zinc, Total	2480	10000	109	mg/kg	518	212	211	217	145	231	543	88.2	271	482	454	241	855
Volatile Organics by EPA 5035																		
	1,1,1-Trichloroethane	0.68	100	0.68	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	0.27	26	0.27	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	0.33	100	0.33	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trimethylbenzene	3.6	52	3.6	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	1.1	100	1.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	0.02	3.1	0.02	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	8.4	52	8.4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dichlorobenzene	2.4	49	2.4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	1.8	13	1.8	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dioxane	0.1	13	0.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	0.12	100	0.12	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	0.05	100	0.05	mg/kg	0.035	0.025	0.013	ND	0.01J	ND	0.087	ND	0.02	ND	ND	0.038	0.028
	Benzene	0.06	4.8	0.06	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon tetrachloride	0.76	2.4	0.76	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	1.1	100	1.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	0.37	49	0.37	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	0.25	100	0.25	mg/kg	0.00027J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0018	0.0011J
	Ethylbenzene	1	41	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl tert butyl ether	0.93	100	0.93	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	0.05	100	0.05	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	12	100	12	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	n-Propylbenzene	3.9	100	3.9	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00052J	0.00041J
	p/m-Xylene				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	11	100	11	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	tert-Butylbenzene	5.9	100	5.9	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.3	19	1.3	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00092	0.00085
	Toluene	0.7	100	0.7	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	0.19	100	0.19	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	0.47	21	0.47	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	0.0067
	Vinyl chloride	0.02	0.9	0.02	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Grey Shaded indicate value above RL but below MDL
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P = RPD between result the method -specific criteria
ND = Non-detect

Groundwater Sample Analysis Summary

1850 Lafayette Ave, Bronx, NY

SAMPLE ID:		B1-MW-1		B2-MW-1		B3-MW-1		B4-MW-1		B5-MW-1		B6-MW-1	
LAB ID:		L2118433-06		L2118433-01		L2118433-05		L2118433-02		L2118433-03		L2118433-04	
COLLECTION DATE:	NY-TOGS-GA	4/12/2021		4/12/2021		4/12/2021		4/12/2021		4/12/2021		4/12/2021	
SAMPLE DEPTH:													
SAMPLE MATRIX:		WATER		WATER		WATER		WATER		WATER		WATER	
ANALYTE	(ug/l)	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
VOLATILE ORGANICS BY GC/MS													
Methylene chloride	5	ND		ND		ND		ND		ND		ND	
1,1-Dichloroethane	5	ND		ND		ND		ND		ND		ND	
Chloroform	7	ND		0.88	J	ND		ND		ND		ND	
Carbon tetrachloride	5	ND		ND		ND		ND		ND		ND	
1,2-Dichloropropane	1	ND		ND		ND		ND		ND		ND	
Dibromochloromethane	50	ND		ND		ND		ND		ND		ND	
1,1,2-Trichloroethane	1	ND		ND		ND		ND		ND		ND	
Tetrachloroethene	5	ND		ND		ND		ND		ND		ND	
Chlorobenzene	5	ND		ND		ND		ND		ND		ND	
Trichlorofluoromethane	5	ND		ND		ND		ND		ND		ND	
1,2-Dichloroethane	0.6	ND		ND		ND		ND		ND		ND	
1,1,1-Trichloroethane	5	ND		ND		ND		ND		ND		ND	
Bromodichloromethane	50	ND		ND		ND		ND		ND		ND	
trans-1,3-Dichloropropene	0.4	ND		ND		ND		ND		ND		ND	
cis-1,3-Dichloropropene	0.4	ND		ND		ND		ND		ND		ND	
1,3-Dichloropropene, Total		ND		ND		ND		ND		ND		ND	
1,1-Dichloropropene	5	ND		ND		ND		ND		ND		ND	
Bromoform	50	ND		ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	5	ND		ND		ND		ND		ND		ND	
Benzene	1	ND		ND		ND		ND		ND		ND	
Toluene	5	ND		ND		ND		ND		ND		ND	
Ethylbenzene	5	ND		ND		ND		ND		ND		ND	
Chloromethane		ND		ND		ND		ND		ND		ND	
Bromomethane	5	ND		ND		ND		ND		ND		ND	
Vinyl chloride	2	ND		ND		ND		ND		ND		0.26	J
Chloroethane	5	ND		ND		ND		ND		ND		ND	
1,1-Dichloroethene	5	ND		ND		ND		ND		ND		ND	
trans-1,2-Dichloroethene	5	ND		ND		ND		ND		ND		ND	
Trichloroethene	5	ND		ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND	
Methyl tert butyl ether	10	ND		ND		ND		ND		ND		ND	
p/m-Xylene	5	ND		ND		ND		ND		ND		ND	
o-Xylene	5	ND		ND		ND		ND		ND		ND	
Xylenes, Total		ND		ND		ND		ND		ND		ND	
cis-1,2-Dichloroethene	5	ND		ND		ND		ND		ND		ND	
1,2-Dichloroethene, Total		ND		ND		ND		ND		ND		ND	
Dibromomethane	5	ND		ND		ND		ND		ND		ND	
1,2,3-Trichloropropane	0.04	ND		ND		ND		ND		ND		ND	
Acrylonitrile	5	ND		ND		ND		ND		ND		ND	
Styrene	930	ND		ND		ND		ND		ND		ND	
Dichlorodifluoromethane	5	ND		ND		ND		ND		ND		ND	
Acetone	50	8		1.5	J	ND		1.6	J	1.5	J	2.6	J
Carbon disulfide	60	ND		ND		ND		ND		ND		ND	
2-Butanone	50	ND		ND		ND		ND		ND		ND	
Vinyl acetate		ND		ND		ND		ND		ND		ND	
4-Methyl-2-pentanone		ND		ND		ND		ND		ND		ND	
2-Hexanone	50	ND		ND		ND		ND		ND		ND	
Bromochloromethane	5	ND		ND		ND		ND		ND		ND	
2,2-Dichloropropane	5	ND		ND		ND		ND		ND		ND	
1,2-Dibromoethane	0.0006	ND		ND		ND		ND		ND		ND	
1,3-Dichloropropane	5	ND		ND		ND		ND		ND		ND	
1,1,1,2-Tetrachloroethane	5	ND		ND		ND		ND		ND		ND	
Bromobenzene	5	ND		ND		ND		ND		ND		ND	
n-Butylbenzene	5	ND		ND		ND		ND		ND		ND	
sec-Butylbenzene	5	ND		ND		ND		ND		ND		ND	
tert-Butylbenzene	5	ND		ND		ND		ND		ND		ND	
o-Chlorotoluene	5	ND		ND		ND		ND		ND		ND	
p-Chlorotoluene	5	ND		ND		ND		ND		ND		ND	
1,2-Dibromo-3-chloropropane	0.04	ND		ND		ND		ND		ND		ND	
Hexachlorobutadiene	0.5	ND		ND		ND		ND		ND		ND	
Isopropylbenzene	5	ND		ND		ND		ND		ND		ND	
p-Isopropyltoluene	5	ND		ND		ND		ND		ND		ND	
Naphthalene	10	ND		ND		ND		ND		ND		ND	
n-Propylbenzene	5	ND		ND		ND		ND		ND		ND	
1,2,3-Trichlorobenzene	5	ND		ND		ND		ND		ND		ND	
1,2,4-Trichlorobenzene	5	ND		ND		ND		ND		ND		ND	
1,3,5-Trimethylbenzene	5	ND		ND		ND		ND		ND		ND	
1,2,4-Trimethylbenzene	5	ND		ND		ND		ND		ND		ND	
1,4-Dioxane		ND		ND		ND		ND		ND		ND	
p-Diethylbenzene		ND		ND		ND		ND		ND		ND	
p-Ethyltoluene		ND		ND		ND		ND		ND		ND	
1,2,4,5-Tetramethylbenzene	5	ND		ND		ND		ND		ND		ND	
Ethyl ether		ND		ND		ND		ND		ND		ND	
trans-1,4-Dichloro-2-butene	5	ND		ND		ND		ND		ND		ND	
Total VOCs		8	-	2.38	-	-	-	1.6	-	1.5	-	2.86	-

Groundwater Sample Analysis Summary

1850 Lafayette Ave, Bronx, NY

SAMPLE ID:		B1-MW-1		B2-MW-1		B3-MW-1		B4-MW-1		B5-MW-1		B6-MW-1	
LAB ID:		L2118433-06		L2118433-01		L2118433-05		L2118433-02		L2118433-03		L2118433-04	
COLLECTION DATE:	NY-TOGS-GA	4/12/2021		4/12/2021		4/12/2021		4/12/2021		4/12/2021		4/12/2021	
SAMPLE DEPTH:													
SAMPLE MATRIX:		WATER		WATER		WATER		WATER		WATER		WATER	
ANALYTE	(ug/l)	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
SEMIVOLATILE ORGANICS BY GC/MS													
1,2,4-Trichlorobenzene	5	ND		ND		ND		ND		ND		ND	
Bis(2-chloroethyl)ether	1	ND		ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	3	ND		ND		ND		ND		ND		ND	
3,3'-Dichlorobenzidine	5	ND		ND		ND		ND		ND		ND	
2,4-Dinitrotoluene	5	ND		ND		ND		ND		ND		ND	
2,6-Dinitrotoluene	5	ND		ND		ND		ND		ND		ND	
4-Chlorophenyl phenyl ether		ND		ND		ND		ND		ND		ND	
4-Bromophenyl phenyl ether		ND		ND		ND		ND		ND		ND	
Bis(2-chloroisopropyl)ether	5	ND		ND		ND		ND		ND		ND	
Bis(2-chloroethoxy)methane	5	ND		ND		ND		ND		ND		ND	
Hexachlorocyclopentadiene	5	ND		ND		ND		ND		ND		ND	
Isophorone	50	ND		ND		ND		ND		ND		ND	
Nitrobenzene	0.4	ND		ND		ND		ND		ND		ND	
NDPA/DPA	50	ND		ND		ND		ND		ND		0.45	J
n-Nitrosodi-n-propylamine		ND		ND		ND		ND		ND		ND	
Bis(2-ethylhexyl)phthalate	5	1.7	J	ND		2.1	J	ND		2	J	2	J
Butyl benzyl phthalate	50	ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	50	ND		ND		ND		ND		ND		ND	
Di-n-octylphthalate	50	ND		ND		ND		ND		ND		ND	
Diethyl phthalate	50	ND		ND		ND		ND		ND		ND	
Dimethyl phthalate	50	ND		ND		ND		ND		ND		ND	
Biphenyl		ND		ND		ND		ND		ND		ND	
4-Chloroaniline	5	ND		ND		ND		ND		ND		ND	
2-Nitroaniline	5	ND		ND		ND		ND		ND		ND	
3-Nitroaniline	5	ND		ND		ND		ND		ND		ND	
4-Nitroaniline	5	ND		ND		ND		ND		ND		ND	
Dibenzofuran		ND		ND		ND		ND		ND		ND	
1,2,4,5-Tetrachlorobenzene	5	ND		ND		ND		ND		ND		ND	
Acetophenone		ND		ND		ND		ND		ND		ND	
2,4,6-Trichlorophenol		ND		ND		ND		ND		ND		ND	
p-Chloro-m-cresol		ND		ND		ND		ND		ND		ND	
2-Chlorophenol		ND		ND		ND		ND		ND		ND	
2,4-Dichlorophenol	2	ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	2	ND		ND		ND		ND		ND		ND	
2-Nitrophenol		ND		ND		ND		ND		ND		ND	
4-Nitrophenol		ND		ND		ND		ND		ND		ND	
2,4-Dinitrophenol	2	ND		ND		ND		ND		ND		ND	
4,6-Dinitro-o-cresol		ND		ND		ND		ND		ND		ND	
Phenol	2	ND		ND		ND		ND		ND		ND	
2-Methylphenol		ND		ND		ND		ND		ND		ND	
3-Methylphenol/4-Methylphenol		ND		ND		ND		ND		ND		ND	
2,4,5-Trichlorophenol		ND		ND		ND		ND		ND		ND	
Benzoic Acid		ND		ND		ND		ND		ND		ND	
Benzyl Alcohol		ND		ND		ND		ND		ND		ND	
Carbazole		ND		ND		ND		ND		ND		ND	
Total SVOCs		1.7	-	-	-	2.1	-	-	-	2	-	2.45	-
SEMIVOLATILE ORGANICS BY GC/MS-SIM													
Acenaphthene	20	ND		ND		0.26		ND		0.05	J	2.8	
2-Chloronaphthalene	10	ND		ND		ND		ND		ND		ND	
Fluoranthene	50	0.19		0.06	J	2.8		0.41		2.6		7.5	
Hexachlorobutadiene	0.5	ND		ND		ND		ND		ND		ND	
Naphthalene	10	ND		0.06	J	1.3		ND		ND		0.14	
Benzo(a)anthracene	0.002	0.12		0.04	J	2.2		0.25		1.2		3.8	
Benzo(a)pyrene	0	0.13		0.03	J	1.9		0.24		1.7		3.8	
Benzo(b)fluoranthene	0.002	0.19		0.05	J	1.8		0.47		4.1		4.8	
Benzo(k)fluoranthene	0.002	0.06	J	0.02	J	0.61		0.11		1.1		1.7	
Chrysene	0.002	0.11		0.03	J	2.1		0.42		2.5		3.6	
Acenaphthylene		0.02	J	ND		0.77		0.02	J	0.03	J	0.35	
Anthracene	50	0.03	J	ND		0.86		0.04	J	0.09	J	0.73	
Benzo(ghi)perylene		0.1		0.03	J	1.1		0.24		2		2.1	
Fluorene	50	0.02	J	ND		0.62		0.02	J	0.04	J	0.26	
Phenanthrene	50	0.09	J	0.04	J	2.5		0.13		0.54		0.52	
Dibenzo(a,h)anthracene		0.02	J	ND		0.29		0.06	J	0.4		0.6	
Indeno(1,2,3-cd)pyrene	0.002	0.1		0.03	J	0.96		0.22		2		2.3	
Pyrene	50	0.19		0.07	J	4.4		0.38		2.3		7.4	
2-Methylnaphthalene		ND		0.04	J	0.73		ND		ND		0.09	J
Pentachlorophenol	2	ND		ND		0.14	J	ND		ND		ND	
Hexachlorobenzene	0.04	ND		ND		ND		ND		ND		ND	
Hexachloroethane	5	ND		ND		ND		ND		ND		ND	
Total SVOCs		1.37	-	0.5	-	25.34	-	3.01	-	20.65	-	42.49	-
ORGANOCHLORINE PESTICIDES BY GC													
Delta-BHC	0.04	ND		ND		ND		ND		ND		ND	
Lindane	0.05	ND		ND		ND		ND		ND		ND	
Alpha-BHC	0.01	ND		ND		ND		ND		ND		ND	
Beta-BHC	0.04	ND		ND		ND		ND		ND		ND	
Heptachlor	0.04	ND		ND		ND		ND		ND		ND	
Aldrin	0	ND		ND		ND		ND		ND		ND	

Groundwater Sample Analysis Summary

1850 Lafayette Ave, Bronx, NY

SAMPLE ID:		B1-MW-1		B2-MW-1		B3-MW-1		B4-MW-1		B5-MW-1		B6-MW-1	
LAB ID:		L2118433-06		L2118433-01		L2118433-05		L2118433-02		L2118433-03		L2118433-04	
COLLECTION DATE:	NY-TOGS-GA	4/12/2021		4/12/2021		4/12/2021		4/12/2021		4/12/2021		4/12/2021	
SAMPLE DEPTH:													
SAMPLE MATRIX:		WATER		WATER		WATER		WATER		WATER		WATER	
ANALYTE	(ug/l)	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Heptachlor epoxide	0.03	ND		ND		ND		0.014	JP	ND		ND	
Endrin	0	ND		ND		ND		ND		ND		ND	
Endrin aldehyde	5	ND		ND		ND		ND		ND		ND	
Endrin ketone	5	ND		ND		ND		ND		ND		ND	
Dieldrin	0.004	ND		ND		ND		ND		ND		ND	
4,4'-DDE	0.2	ND		ND		0.007	J	ND		ND		ND	
4,4'-DDD	0.3	ND		ND		0.05		ND		ND		0.014	JP
4,4'-DDT	0.2	ND		ND		ND		ND		ND		ND	
Endosulfan I		ND		ND		ND		ND		ND		ND	
Endosulfan II		ND		ND		ND		ND		ND		ND	
Endosulfan sulfate		ND		ND		ND		ND		ND		ND	
Methoxychlor	35	ND		ND		ND		ND		ND		ND	
Toxaphene	0.06	ND		ND		ND		ND		ND		ND	
cis-Chlordane		ND		ND		ND		0.04		ND		ND	
trans-Chlordane		ND		ND		ND		0.061		ND		ND	
Chlordane	0.05	ND		ND		ND		ND		ND		ND	
POLYCHLORINATED BIPHENYLS BY GC													
Aroclor 1016	0.09	ND		ND		ND		ND		ND		ND	
Aroclor 1221	0.09	ND		ND		ND		ND		ND		ND	
Aroclor 1232	0.09	ND		ND		ND		ND		ND		ND	
Aroclor 1242	0.09	ND		ND		ND		ND		ND		ND	
Aroclor 1248	0.09	ND		ND		ND		ND		ND		ND	
Aroclor 1254	0.09	ND		ND		ND		ND		ND		ND	
Aroclor 1260	0.09	ND		ND		2.13		9.32		ND		ND	
Aroclor 1262	0.09	ND		ND		ND		ND		ND		ND	
Aroclor 1268	0.09	ND		0.114		ND		16.1		ND		ND	
PCBs, Total		ND		0.114		2.13		25.4		ND		ND	
DISSOLVED METALS													
Aluminum, Dissolved	2000	3.65	J	8.54	J	4.56	J	4.42	J	8.67	J	14	
Antimony, Dissolved	6	1	J	3.05	J	1.63	J	ND		ND		ND	
Arsenic, Dissolved	50	0.73		0.51		3.69		ND		0.24	J	0.62	
Barium, Dissolved	2000	68.52		35.85		67.7		62.24		15.08		970.3	
Beryllium, Dissolved	3	ND		ND		ND		ND		ND		ND	
Cadmium, Dissolved	10	0.7		ND		ND		0.24		ND		ND	
Calcium, Dissolved		155000		74800		562000		67600		42400		228000	
Chromium, Dissolved	100	ND		ND		ND		ND		1		0.55	J
Cobalt, Dissolved		14.09		0.24	J	2.29		0.93		ND		ND	
Copper, Dissolved	1000	1.35		4.53		0.52	J	0.75	J	ND		0.53	J
Iron, Dissolved	600	2850		ND		817		ND		596		247	
Lead, Dissolved	50	0.57	J	ND		ND		ND		ND		1.18	
Magnesium, Dissolved	35000	46400		18500		28000		39500		44500		28900	
Manganese, Dissolved	600	2249		153.5		320.6		1702		200.8		128.8	
Mercury, Dissolved	1.4	ND		ND		ND		ND		ND		ND	
Nickel, Dissolved	200	5.88		2.62		16.34		13.13		ND		0.85	J
Potassium, Dissolved		15100		12300		17600		3980		13000		15400	
Selenium, Dissolved	20	ND		ND		2.92	J	ND		ND		ND	
Silver, Dissolved	100	ND		ND		ND		ND		ND		ND	
Sodium, Dissolved		72400		166000		22300		52800		98500		138000	
Thallium, Dissolved	0.5	ND		0.18	J	ND		ND		ND		ND	
Vanadium, Dissolved		ND		ND		ND		ND		3.11	J	6.54	
Zinc, Dissolved	5000	60.92		20.22		60.74		6.21	J	ND		ND	
TOTAL METALS													
Aluminum, Total	2000	4730		243		4670		6760		5890		2310	
Antimony, Total	6	3.65	J	3.36	J	3.99	J	ND		0.45	J	0.58	J
Arsenic, Total	50	3.2		0.63		28.24		1.87		5.63		5.42	
Barium, Total	2000	161.3		46.03		512.5		186.9		103.6		1169	
Beryllium, Total	3	0.17	J	ND		0.38	J	0.29	J	0.35	J	0.22	J
Cadmium, Total	10	0.48		0.06	J	2.55		0.34		0.22		0.37	
Calcium, Total		139000		80000		621000		71500		46000		241000	
Chromium, Total	100	11.4		0.59	J	77.89		15.22		18.1		8.73	
Cobalt, Total		14.25		0.43	J	12.43		5.17		4.61		2.2	
Copper, Total	1000	21.84		9.04		374.6		27.2		17.4		21.32	
Iron, Total	600	12700		374		50300		11000		40600		5590	
Lead, Total	50	72.1		4.36		516		64.02		163.1		287	
Magnesium, Total	35000	48500		19800		32500		43400		48300		31000	
Manganese, Total	600	2339		183.1		795.7		1933		347.3		186.9	
Mercury, Total	1.4	0.12	J	ND		1.42		ND		0.13	J	0.18	J
Nickel, Total	200	11.12		3.31		67.43		23.77		11.15		12.7	
Potassium, Total		15500		13300		19000		5800		14900		16600	
Selenium, Total	20	2.57	J	ND		3.97	J	2.19	J	2.01	J	ND	
Silver, Total	100	ND		ND		1.85		0.22	J	0.16	J	0.18	J
Sodium, Total		75700		177000		23400		53200		99600		140000	
Thallium, Total	0.5	0.38	J	0.18	J	0.25	J	0.15	J	ND		0.22	J
Vanadium, Total		19.71		ND		90.17		19.54		24.06		24.48	
Zinc, Total	5000	95.42		21.41		3836		62.7		113.1		125.3	

* Comparison is not performed on parameters with non-numeric criteria.

* Q- Qualifiers

*J - Estimated Value - Detection value below RL

* Shaded Yellow depicts exceedence to regulatory standard/ Shaded Grey depicts value below MDL

NY-TOGS-GA: NY - New York TOGS 111 Groundwater Effluent Limitations criteria reflects all addendum to criteria through June 2004.

Soil Vapor Sample Comparison Summary

1850 Lafayette Avenue, Bronx, NY

LOCATION	NYSDOH AA 3.1 Table	NYSDOH SSC A,B, C Tables	Units	AA-1	AA-2	B1 SV-1	B1 SV-2	B2 SV-1	B2 SV-2	B3 SV-1	B3 SV-2	B4 SV-1	B4 SV-2	B5 SV-1	B5 SV-2	B6 SV-1	B6 SV-2
SAMPLING DATE				4/13/2021	4/14/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/13/2021	4/14/2021	4/14/2021	4/14/2021	4/14/2021	4/14/2021	4/14/2021
LAB SAMPLE ID				L2119113-01	L2119113-08	L2119113-02	L2119113-03	L2119113-04	L2119113-05	L2119113-06	L2119113-07	L2119113-09	L2119113-10	L2119113-11	L2119113-12	L2119113-13	L2119113-14
SAMPLE TYPE				AIR	AIR	SOIL_VAPOR	SOIL_VAPOR	SOIL_VAPOR	SOIL_VAPOR	SOIL_VAPOR	SOIL_VAPOR	SOIL_VAPOR	SOIL_VAPOR	SOIL_VAPOR	SOIL_VAPOR	SOIL_VAPOR	SOIL_VAPOR
SAMPLE DEPTH (ft.)																	
				Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
Volatile Organics in Air																	
1,1,1-Trichloroethane		100	ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene		6	ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.46	2.4
1,2-Dibromoethane			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Butadiene			ug/m3	ND	ND	ND	ND	5.07	ND	ND	1.4	ND	ND	ND	ND	ND	1.86
1,3-Dichlorobenzene			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane			ug/m3	ND	ND	ND	ND	14.7	ND	ND	ND	ND	ND	ND	ND	1.02	1.26
2-Butanone			ug/m3	ND	1.66	6.46	ND	11.2	ND	2.07	1.75	ND	ND	ND	ND	6.43	9.11
2-Hexanone			ug/m3	ND	ND	ND	1.36	ND	ND	1.33	ND	ND	ND	5.57	ND	1.11	ND
3-Chloropropene			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Ethyltoluene			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone			ug/m3	7.63	9.98	82.4	7.22	39.4	ND	10.1	8.43	ND	ND	10.4	97.4	17.1	23.4
Benzene			ug/m3	ND	1.16	2.04	ND	7.8	ND	0.795	2.45	ND	ND	ND	ND	1.54	2.57
Benzyl chloride			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide			ug/m3	ND	ND	2.41	2.29	108	ND	1.84	11.7	ND	ND	ND	ND	3.3	3.64
Carbon tetrachloride		6	ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform			ug/m3	ND	ND	6.59	ND	ND	ND	ND	1.22	ND	ND	5.27	ND	1.06	2.37
Chloromethane			ug/m3	1.15	1.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.688	0.448
cis-1,2-Dichloroethene		6	ug/m3	ND	ND	56.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane			ug/m3	ND	ND	175	ND	9.19	ND	ND	1.59	ND	ND	ND	ND	1.63	1.09
Dibromochloromethane	60		ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane			ug/m3	2.08	2.2	3.45	2.85	41	ND	5.24	3.14	ND	15.1	4.85	8.31	2.05	1.84
Ethanol			ug/m3	ND	26	ND	10.7	ND	ND	ND	ND	ND	ND	ND	ND	42.4	60.7
Ethyl Acetate			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene			ug/m3	ND	ND	2.26	7.17	9.6	17.5	4.91	10.4	9.6	15.4	6.56	ND	1.79	2.65
Freon-113			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon-114			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptane			ug/m3	ND	ND	41.8	ND	34.1	ND	17	32.2	ND	ND	3.23	23.6	4.18	16.1
Hexachlorobutadiene			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropanol			ug/m3	2.26	7.96	ND	ND	ND	ND	ND	1.47	ND	ND	ND	ND	3.59	4.28
Methyl tert butyl ether			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	60	100	ug/m3	ND	ND	ND	ND	ND	ND	ND	2.13	ND	ND	ND	ND	ND	ND
n-Hexane			ug/m3	ND	1.15	19.2	1.25	88.1	ND	40.5	57.8	ND	ND	9.9	21.6	6.7	25.9
o-Xylene			ug/m3	ND	ND	ND	8.21	10.5	20.4	6.43	11	9.82	14.1	7.34	ND	2.19	3.03
p/m-Xylene			ug/m3	ND	ND	4.39	12.6	15.9	53.4	11.8	16.9	19	27.3	13.6	ND	5.17	6.78
Styrene			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.25	3.7
Tertiary butyl Alcohol			ug/m3	ND	ND	11.7	4.85	11.6	ND	2.75	6.09	ND	ND	ND	12.7	3.27	2.46
Tetrachloroethene	100	100	ug/m3	ND	ND	244	34.2	ND	71.9	6.58	25.6	36.5	29.2	18.3	44.4	3.43	7.26
Tetrahydrofuran			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene			ug/m3	0.795	2.81	4.75	5.65	13.3	2120	136	138	1710	3720	1010	1100	5.58	7.16
trans-1,2-Dichloroethene			ug/m3	ND	ND	2.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	6	ug/m3	ND	ND	21.7	1.92	ND	ND	ND	4.26	ND	ND	ND	ND	ND	2.82
Trichlorofluoromethane			ug/m3	1.28	1.48	ND	1.84	ND	ND	1.24	1.57	ND	ND	ND	ND	1.3	1.15
Vinyl bromide			ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride		6	ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

* Comparison is not performed on parameters with non-numeric criteria.
*Grey Shaded indicates MDL is above the regulatory standard
*Yellow Shaded indicates the detection value is above the regulatory standard
NYSDOH Ambient Air 3.1 Table updated 2017
NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

Appendix A

NYCDEP Approval Letter

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

Vincent Sapienza, P.E.
Commissioner

Angela Licata
Deputy Commissioner of Sustainability

59-17 Junction Blvd.
Flushing, NY 11373

Tel. (718) 595-4398
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alicata@dep.nyc.gov

March 2, 2021

Katherine Glass
Senior Project Manager
Environmental Assessment and Review Division
New York City Department of City Planning
120 Broadway, 31st Floor
New York, NY 10271

Re: Stevenson Commons - 1850 Lafayette Avenue
Block 3600, Lot 4
CEQR # 21DCP044X

Dear Ms. Glass:

The New York City Department of Environmental Protection, Bureau of Sustainability (DEP) has reviewed the January 2021 Waste Characterization Report, the January 2021 Groundwater Quality Assessment and Aquifer Testing Report, and the January 2021 Phase II Environmental Site Assessment Work Plan (Work Plan) and Health and Safety Plan (HASP) prepared by Impact Environmental on behalf of Camber Property Group LLC (applicant) for the above referenced project. It is our understanding that the applicant is requesting discretionary actions from the New York City Department of City Planning (DCP) to facilitate new residential and community facility development at Stevenson Commons in the Soundview neighborhood of Bronx Community District 9. The Stevenson Commons site (Project Area) comprises the 679,000-square foot superblock bounded by Lafayette Avenue, White Plains Road, Seward Avenue, and Thieriot Avenue in the Soundview neighborhood of Bronx Community District 9. New development would be spread across six buildings on the Stevenson Commons site (referred to as Buildings B1, B2, B3, B4, B5, and B6). The proposed actions would include approximately 1.94 acres of publicly accessible open space and an additional 0.68 acres of private open space. The discretionary actions include modification to the previously approved Stevenson Commons large scale residential development to update the previously approved plans and zoning calculations to reflect a proposed mixed use development on Block 3600, Lot 4; and modification to the previously approved Stevenson Commons City-aided limited-profit housing project on Block 3600, Lot 4 pursuant to Article 2 of the New York State Private Housing Finance Law. Although the Project Area currently exists as Tax Block 3600, Lot 4, it is undergoing a proposed subdivision and will be apportioned into eight new tax lots to facilitate future residential development.

During the December 2020 fieldwork, 18 soil borings were advanced to depths of 5 to 20 feet below grade surface (bgs) from within the B4, B5 and B6 building footprints. 54 soil samples and 2 groundwater samples were collected. Groundwater was encountered at approximately 10 feet bgs across the Site. Soil

sample depths varied throughout the borings, but were generally collected from the top two feet, mid-point, and at the groundwater interface. Soil samples consisted of grab and composite samples. Soil samples were analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (EPA) Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides by EPA Method 8081, polychlorinated biphenyls (PCBs) by EPA Method 8082, and Target Analyte List metals. Groundwater samples were analyzed for General Chemistry, VOCs, SVOCs, PCBs and metals.

The soil analytical results revealed that VOCs were either non-detect (ND) or below their respective New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs). Several SVOCs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene), two PCBs, several pesticides (4,4'-DDD, 4,4'-DDE, 4,4'-DDT and dieldrin) and several metals (arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury, nickel, trivalent chromium and zinc) were detected above their NYSDEC Unrestricted Use, Restricted Residential Use and/or Commercial Use SCOs.

The groundwater analytical results revealed that VOCs, SVOCs, and PCBs were either ND or below their respective NYCDEP Limitations for Effluent to Sanitary or Combined Sewers. One metal (lead) and Total Suspended Solids were detected above their New York City Department of Environmental Protection Limitations for Effluent to Sanitary or Combined Sewers.

The January 2021 Work Plan proposes to advance six soil borings to approximately 10 feet below ground surface (bgs) from the proposed building footprints of Buildings B1, B2 and B3. Two soil samples will be collected from each boring: one soil sample will be collected from 0 and 2-feet bgs, and one will be collected from 8-10 feet bgs, the two-foot interval from the bottom of the assumed cellar slab elevation. Three groundwater samples will be collected from existing permanent monitoring wells at each of the proposed building B1, B2 and B3 locations. If these wells are evaluated to be non-viable, three (3) permanent groundwater wells will be installed at each of the proposed building B1, B2 and B3 locations. Soil and groundwater samples will be analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, pesticides by EPA Method 8081, PCBs by EPA Method 8082, and Target Analyte List metals EPA Method 6010 (filtered and unfiltered for groundwater samples). Five soil vapor implants will be installed to a depth of 8-10 feet bgs within proposed building B1, B2, B3, B4 and B6 footprints. One ambient outdoor background air sample will be collected. Soil vapor and outdoor air samples will be collected and analyzed for VOCs by EPA Method TO-15. The HASP addresses worker and community health and safety during remedial investigation activities.

Based upon our review of the submitted documentation, we have the following comments and recommendations to DCP:

Work Plan

- It should be noted that the December 2020 investigations (waste characterization and groundwater quality assessment) for proposed Buildings B4, B5 and B6 are limited and not

conducted in accordance with the *City Environmental Quality Review (CEQR) Technical Manual*.

- DCP should instruct the applicant that a minimum of two (2) additional soil borings should also be advanced within each proposed building footprint of Buildings B4, B5 and B6.

- DCP should instruct the applicant that a minimum of one (1) additional groundwater sample should also be collected within each proposed building footprint of Buildings B4, B5 and B6.

- DCP should instruct the applicant that a minimum of two (2) soil vapor samples should be collected within each proposed building footprint of Buildings B1, B2, B3, B4, B5 and B6.

- DCP should instruct the applicant that the proposed open space areas (e.g., parking, grass/landscaped areas, etc.) should also be adequately characterized. Therefore, soil samples should also be collected from the proposed open space areas. The proposed depth of excavation in the proposed open space areas should also be defined.

- DCP should instruct the applicant that as per the updated *CEQR Technical Manual* (2020 Edition), a minimum of two soil samples should be collected from each test boring. One surface soil sample should be collected from the upper two feet of soil (typically the 0-2 feet bgs interval) and one subsurface soil sample should be collected from the two foot interval below the proposed maximum excavation depth(s) and/or the groundwater interface (whichever is encountered first). If evidence of gross contamination is observed between 2 feet bgs and the proposed maximum excavation depth (based on visual/olfactory evidence of impacts and/or elevated soil screening readings obtained using accepted field instruments), an additional sample should be collected from that interval. The samples should be focused on any sections exhibiting evidence of contamination based on field screening. If groundwater or bedrock is encountered at a shallower depth than the proposed maximum excavation depth during borehole advancement, the subsurface soil sample should be collected from the two foot interval above the groundwater interface or bedrock. The soil samples should be discrete (grab) samples.

DCP should instruct the applicant that a revised Work Plan and HASP should be submitted for DEP review and approval. Future correspondence and submittals related to this project should include the following CEQR # **21DCP044X**. If you have any questions, you may contact Scott Davidow, P.G. at (718) 595-7716.

Sincerely,

Wei Yu
Deputy Director, Hazardous Materials

c: R. Weissbard; S. Davidow; T. Estesen; M. Wimbish; R. Lucas; O. Abinader (DCP)

Vincent Sapienza, P.E.
Commissioner

Angela Licata
Deputy Commissioner of Sustainability

59-17 Junction Blvd.
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April 5, 2021

Katherine Glass
Senior Project Manager
Environmental Assessment and Review Division
New York City Department of City Planning
120 Broadway, 31st Floor
New York, NY 10271

Re: Stevenson Commons - 1850 Lafayette Avenue
Block 3600, Lot 4
CEQR # 21DCP044X

Dear Ms. Glass:

The New York City Department of Environmental Protection, Bureau of Sustainability (DEP) has reviewed the revised March 2021 Phase II Environmental Site Assessment Work Plan (Work Plan) and the January 2021 Health and Safety Plan (HASP) prepared by Impact Environmental on behalf of Camber Property Group LLC (applicant) for the above referenced project. It is our understanding that the applicant is requesting discretionary actions from the New York City Department of City Planning (DCP) to facilitate a new residential and community facility development at Stevenson Commons in the Soundview neighborhood of Bronx Community District 9. The Stevenson Commons site (Project Area) comprises the 679,000-square foot superblock bounded by Lafayette Avenue, White Plains Road, Seward Avenue, and Thieriot Avenue. New development would be spread across six buildings on the Stevenson Commons site (referred to as Buildings B1, B2, B3, B4, B5, and B6). The proposed actions would include approximately 1.94 acres of publicly accessible open space and an additional 0.68 acres of private open space. The discretionary actions include modification to the previously approved Stevenson Commons large scale residential development to update the previously approved plans and zoning calculations to reflect a proposed mixed use development on Block 3600, Lot 4; and modification to the previously approved Stevenson Commons City-aided limited-profit housing project on Block 3600, Lot 4 pursuant to Article 2 of the New York State Private Housing Finance Law. Although the Project Area currently exists as Tax Block 3600, Lot 4, it is undergoing a proposed subdivision and will be apportioned into eight new tax lots to facilitate future residential development.

The March 2021 Work Plan proposes to advance 19 soil borings at the site. A minimum of two (2) discrete (grab) soil samples will be collected from each of the test borings within the proposed footprints of buildings B1, B2, B3, B4, B5 and B6 from surface grade to 2 feet below grade surface (bgs) and a sample from the two-foot interval below the maximum excavation depth of 8-10 feet bgs and/or the groundwater interface, whichever is encountered first. Seven

soil borings will be installed within open spaces throughout the Site, including two within a proposed landscape and water feature area adjacent to B1, two open space borings within the proposed tennis court/landscaped area and three within two proposed storm water detention tank locations. Samples collected at these open space areas will be collected from 0-2 and 2-4 feet bgs. Saturated zone soil samples or intermediate depth samples may also be collected if: 1) elevated photoionization detector readings and/or visual and olfactory observations are noted during borehole advancement and/or 2) field observations identify contamination within the saturated zone that is vertically delineated by uncontaminated native materials. Six groundwater samples will be collected from existing permanent monitoring wells at each of the proposed building B1, B2, B3, B4, B5 and B6 locations. If these wells are evaluated to be non-viable, six permanent groundwater wells will be installed at each of the proposed building B1, B2, B3, B4, B5 and B6 locations. Soil and groundwater samples will be analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (EPA) Method 8260, semi-volatile organic compounds by EPA Method 8270, pesticides by EPA Method 8081, polychlorinated biphenyls by EPA Method 8082, and Target Analyte List metals by EPA Method 6010 (filtered and unfiltered for groundwater samples). Twelve soil vapor implants will be installed to a depth of 8-8.5 feet bgs within proposed building B1, B2, B3, B4, B5 and B6 footprints. One ambient outdoor background air sample will be collected. Soil vapor and outdoor air samples will be collected and analyzed for VOCs by EPA Method TO-15. The HASP addresses worker and community health and safety during remedial investigation activities.

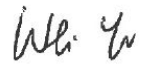
Based upon our review of the submitted documentation, we have the following comments and recommendations to DCP:

- DCP should inform the applicant that all surface and subsurface soil samples (including potential intermediate depth samples) collected for laboratory analysis should be discrete grab samples.

DEP finds the revised March 2021 Work Plan and January 2021 HASP for the proposed project acceptable, as long as the aforementioned information is incorporated into the Work Plan. DCP should inform the applicant that upon completion of the investigation activities, the applicant should submit a detailed Phase II report for DEP review and approval. The report should include, at a minimum, an executive summary, narrative of the field activities, laboratory data and conclusions, comparison of soil, groundwater and soil vapor analytical results (i.e., New York State Department of Environmental Conservation (NYSDEC) 6 NYCRR Part 375, NYSDEC Water Quality Regulations, and the New York State Department of Health's October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York), updated site plans depicting sample locations, boring logs, and remedial recommendations, if warranted.

Future correspondence and submittals related to this project should include the following CEQR # **21DCP044X**. If you have any questions, you may contact Scott Davidow, P.G. at (718) 595-7716.

Sincerely,



Wei Yu
Deputy Director, Hazardous Materials

c: R. Weissbard
S. Davidow
T. Estesen
M. Wimbish
R. Lucas
O. Abinader (DCP)

Appendix B

Photographic Logs

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

Photograph No. 1: Typical view of paved parking areas (proposed B5 location)

Photograph No. 2: Typical view of paved parking areas (proposed B6 location)

Photograph No. 3: Typical view of paved parking areas (proposed B6 location)

Photograph No. 4: Typical view of paved parking areas (proposed B5 location)

Photograph No. 7: View ambient air sample collection

Photograph No. 8: View of soil vapor sample collection

Photograph No. 9: View of soil vapor sample collection

Photograph No. 10: View of soil vapor sample collection

Photograph No. 11: View installed groundwater monitoring well (B3MW-1) prior to finishing surface cover

Photograph No. 12: View installed groundwater monitoring well (B1MW-1) prior to finishing surface cover

Photograph No. 13: Typical view of central field onsite

Photograph No. 14: Typical view of paved portions and recreational areas onsite

Photograph No. 15: Typical view of soil boring macro sleeves recovered for characterization

Photograph No. 16: Typical view of soil boring macro sleeves recovered for characterization

Photograph No. 17: Typical view of soil boring macro sleeves recovered for characterization

Photograph No. 18: Typical view of soil boring macro sleeves recovered for characterization

Appendix C

Soil Boring/ Well Construction Logs

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

PROJECT NAME: Stevenson Commons	BORING NUMBER: B1SB-1
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Northwest Portion of Site
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 16 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-12-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 10 Feet bsg / WEATHER: Sunny / TEMPERATURE: 60°F
LATITUDE: 40° 49' 16.538" N / LONGITUDE: 73° 51' 41.957" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0					Asphalt
0.5					Crushed Concrete
1.0	0.0			SW	Brown Fine to Coarse SAND, Some Fill Material: 0'-2' Interval Submitted for Laboratory Analysis
1.5					
2.0					
2.5		60%			
3.0	0.0				Fill Material: 8'-10' Interval Submitted for Laboratory Analysis
3.5					
4.0					
4.5					
5.0					
5.5	0.0				
6.0					
6.5					
7.0					
7.5		60%			
8.0	0.0				
8.5					
9.0					Crushed Concrete
9.5				OL	PEAT
10.0					End of Boring at 10 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: B1SB-2
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Central Portion of Handball Court
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 21 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-12-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 10 Feet bsg / WEATHER: Sunny / TEMPERATURE: 60°F
LATITUDE: 40° 49' 14.887" N / LONGITUDE: 73° 51' 41.546" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0					Asphalt
0.5					
1.0	0.0				
1.5					
2.0					
2.5		45%			Fill Material: 0'-2' Interval Submitted for Laboratory Analysis
3.0					
3.5	0.1				
4.0					
4.5					
5.0					Crushed Brick
5.5					
6.0	0.0				
6.5					
7.0					
7.5		40%			Fill Material: 8'-10' Interval Submitted for Laboratory Analysis
8.0					
8.5	0.0				
9.0					
9.5					
10.0					End of Boring at 10 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: B2SB-1
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Proximate to the South of Tennis Court
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 17 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-12-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 10 Feet bsg / WEATHER: Sunny / TEMPERATURE: 60°F
LATITUDE: 40° 49' 14.901" N / LONGITUDE: 73° 51' 38.379" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0 – 1.0	0.0	75%			Topsoil
1.0 – 4.0	0.0				Fill Material: 0'-2' Interval Submitted for Laboratory Analysis
4.0 – 5.0					Crushed Concrete
5.0 – 7.5	0.0	50%			Fill Material: 8'-10' Interval Submitted for Laboratory Analysis
7.5 – 10.0	0.0				
10.0					End of Boring at 10 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: B2SB-2
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: North Side of Site in Parking Lot
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 12 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-12-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 10 Feet bsg / WEATHER: Sunny / TEMPERATURE: 60°F
LATITUDE: 40° 49' 17.473" N / LONGITUDE: 73° 51' 37.973" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0					Asphalt
0.5					
1.0	0.0				
1.5					
2.0					
2.5		55%			
3.0					
3.5	0.3				
4.0					
4.5					
5.0					Fill Material: 0'-2' & 8'-10' Intervals Submitted for Laboratory Analysis
5.5					
6.0	0.0				
6.5					
7.0					
7.5		50%			
8.0					
8.5	1.0				
9.0					
9.5					
10.0					End of Boring at 10 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: B3SB-1
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Eastern Portion of Field
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 12 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-12-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 13 Feet bsg / WEATHER: Sunny / TEMPERATURE: 60°F
LATITUDE: 40° 49' 14.514" N / LONGITUDE: 73° 51' 37.833" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0 – 0.5	0.0				Topsoil
1.0 – 1.5					Crushed Brick
2.0 – 2.5		55%			
3.0 – 3.5	0.0				
4.0 – 4.5					
5.0 – 5.5					Fill Material: 0'-2' & 8'-10' Intervals Submitted for Laboratory Analysis
6.0 – 6.5	0.0				
7.0 – 7.5		30%			
8.0 – 8.5	0.0				
9.0 – 9.5					
10.0					End of Boring at 10 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: B3SB-2
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Southern Portion of Field
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 20 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-12-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 10 Feet bsg / WEATHER: Sunny / TEMPERATURE: 60°F
LATITUDE: 40° 49' 12.958" N / LONGITUDE: 73° 51' 38.794" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0 – 0.5	0.0				Topsoil
1.0 – 1.5					Crushed Brick
2.0 – 2.5		65%			
3.0 – 3.5	1.1				
4.0 – 4.5					
5.0 – 5.5					Fill Material: 0'-2' & 8'-10' Intervals Submitted for Laboratory Analysis
6.0 – 6.5	0.0				
7.0 – 7.5		70%			
8.0 – 8.5	0.0				
9.0 – 9.5					
10.0					End of Boring at 10 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: B4SB-1
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Southwestern Portion of the Site
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 20 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-13-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 10 Feet bsg / WEATHER: Sunny / TEMPERATURE: 65°F
LATITUDE: 40° 49' 10.985" N / LONGITUDE: 73° 51' 40.667" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0 – 0.5					Asphalt
0.5 – 1.0	0.0				Crushed Brick
1.0 – 2.5		50%			Fill Material: 0'-2' & 8'-10' Intervals Submitted for Laboratory Analysis
2.5 – 5.0	0.0				
5.0 – 7.5	0.0	40%			
7.5 – 10.0	0.0				
10.0					End of Boring at 10 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: B4SB-2
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Southwestern Portion of the Site
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 19 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-13-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 10 Feet bsg / WEATHER: Sunny / TEMPERATURE: 65°F
LATITUDE: 40° 49' 10.897" N / LONGITUDE: 73° 51' 39.885" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0 – 0.5					Asphalt
0.5 – 2.5	0.0	50%			Fill Material: 0'-2 'Interval Submitted for Laboratory Analysis
2.5 – 5.0	0.0				
5.0 – 7.5	0.0	30%			
7.5 – 10.0	0.0			SP	Brown Fine to Medium SAND, Some Silt: 8'-10' Interval Submitted for Laboratory Analysis
10.0					End of Boring at 10 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: B5SB-1
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Southern Portion of the Site
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 17 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-13-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 10 Feet bsg / WEATHER: Sunny / TEMPERATURE: 65°F
LATITUDE: 40° 49' 11.270" N / LONGITUDE: 73° 51' 37.766" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0 – 0.5					Asphalt
0.5 – 2.5	0.0	70%			Fill Material: 0'-2' & 8'-10' Intervals Submitted for Laboratory Analysis
2.5 – 5.0	0.0				
5.0 – 7.5	0.0	40%			
7.5 – 10.0	0.0				
10.0					End of Boring at 10 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: B5SB-2
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Southern Portion of the Site
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 18 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-13-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 10 Feet bsg / WEATHER: Sunny / TEMPERATURE: 65°F
LATITUDE: 40° 49' 11.401" N / LONGITUDE: 73° 51' 36.921" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0 – 0.5					Asphalt
1.0 – 2.5	0.0	30%			
3.0 – 5.0	0.4				
5.5 – 7.5	0.0	30%			Fill Material: 0'-2' & 8'-10' Intervals Submitted for Laboratory Analysis
8.0 – 10.0	0.0				
10.0					End of Boring at 10 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: B6SB-1
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Southeastern Portion of the Site
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 18 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-14-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 10 Feet bsg / WEATHER: Overcast / TEMPERATURE: 60°F
LATITUDE: 40° 49' 11.738" N / LONGITUDE: 73° 51' 33.439" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0 – 0.5					Asphalt
0.5 – 2.5	0.0	50%			Fill Material: 0'-2' & 8'-10' Intervals Submitted for Laboratory Analysis
2.5 – 5.0	0.0				
5.0 – 7.5	0.0	45%			
7.5 – 10.0	0.0				
10.0					End of Boring at 10 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: B6SB-2
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Southeastern Portion of the Site
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 19 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-14-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 10 Feet bsg / WEATHER: Overcast / TEMPERATURE: 60°F
LATITUDE: 40° 49' 11.920" N / LONGITUDE: 73° 51' 31.778" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0					Asphalt
0.5					
1.0	0.0				
1.5					
2.0					
2.5		60%			
3.0					
3.5	0.0				
4.0					
4.5					Fill Material: 0'-2' & 8'-10' Intervals Submitted for Laboratory Analysis
5.0					
5.5					
6.0	0.0				
6.5					
7.0					
7.5		65%			
8.0					
8.5	0.0				
9.0					
9.5					PEAT
10.0					End of Boring at 10 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: OSSB-1
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Northwestern Portion of Site
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 21 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-12-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 5 Feet bsg / WEATHER: Sunny / TEMPERATURE: 60°F
LATITUDE: 40° 49' 16.151" N / LONGITUDE: 73° 51' 40.832" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0					Asphalt
0.5					
1.0	0.0				
1.5					
2.0					
2.5		50%			Fill Material: 0'-2' & 2'-4' Intervals Submitted for Laboratory Analysis
3.0					
3.5					
4.0	0.0				
4.5					
5.0					End of Boring at 5 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: OSSB-2
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Eastern Portion of Handball Court
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 18 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-12-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 5 Feet bsg / WEATHER: Sunny / TEMPERATURE: 60°F
LATITUDE: 40° 49' 15.018" N / LONGITUDE: 73° 51' 40.479" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0					Asphalt
0.5					
1.0	0.1				
1.5					
2.0					
2.5		60%			Fill Material: 0'-2' & 2'-4' Intervals Submitted for Laboratory Analysis
3.0					
3.5	0.1				
4.0					
4.5					
5.0					End of Boring at 5 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: OSSB-3
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Northwestern Portion of Field
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 22 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-13-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 5 Feet bsg / WEATHER: Sunny / TEMPERATURE: 65°F
LATITUDE: 40° 49' 13.783" N / LONGITUDE: 73° 51' 41.054" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0 – 1.0	0.0	50%			Topsoil
1.0 – 2.5					Fill Material: 0'-2' & 2'-4' Intervals Submitted for Laboratory Analysis
2.5 – 5.0	0.0				
5.0					End of Boring at 5 Feet Below Surface Grade

PROJECT NAME:	Stevenson Commons	BORING NUMBER:	OSSB-4
PROJECT ADDRESS:	1850 Lafayette Avenue, Bronx, New York 10473		
DRILLING CONTRACTOR:	Impact Environmental Closures, Inc.	BORING LOCATION:	Southern Portion of Field
DRILLING METHOD:	2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION:	20 Feet Above Sea Level
DRILLING EQUIPMENT:	Geoprobe® 6712DT	DATE COMPLETED:	4-13-21
		MEASURING POINT:	Ground Surface
SAMPLING METHOD:	MC5® Soil Sampling System	TOTAL DEPTH:	5 Feet bsg
		WEATHER:	Sunny
		TEMPERATURE:	65°F
LATITUDE:	40° 49' 12.870" N	LONGITUDE:	73° 51' 39.678" W
		APPROX. DEPTH TO GROUNDWATER:	N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0 – 0.5					Topsoil
0.5 – 2.5	0.0	40%			Fill Material: 0'-2' & 2'-4' Intervals Submitted for Laboratory Analysis
2.5 – 5.0	0.0				
5.0					End of Boring at 5 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: OSSB-5
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Southern Portion of Site
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 18 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-13-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 5 Feet bsg / WEATHER: Sunny / TEMPERATURE: 65°F
LATITUDE: 40° 49' 11.942" N / LONGITUDE: 73° 51' 37.943" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0					Asphalt
0.5					
1.0	0.0				
1.5					
2.0					
2.5		60%			Fill Material: 0'-2' & 2'-4' Intervals Submitted for Laboratory Analysis
3.0					
3.5	1.2				
4.0					
4.5					
5.0					End of Boring at 5 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: OSSB-6
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Southern Portion of Site
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 18 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-13-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 5 Feet bsg / WEATHER: Sunny / TEMPERATURE: 65°F
LATITUDE: 40° 49' 12.015" N / LONGITUDE: 73° 51' 37.272" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0 – 0.5					Asphalt
1.0	1.6				
2.5		40%			Fill Material: 0'-2' & 2'-4' Intervals Submitted for Laboratory Analysis
3.5	0.5				
5.0					End of Boring at 5 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: OSSB-7
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures, Inc.	BORING LOCATION: Southeastern Portion of Site
DRILLING METHOD: 2.25 inch Direct Push Rods	APPROXIMATE GROUND SURFACE ELEVATION: 19 Feet Above Sea Level
DRILLING EQUIPMENT: Geoprobe® 6712DT	DATE COMPLETED: 4-14-21 / MEASURING POINT: Ground Surface
SAMPLING METHOD: MC5® Soil Sampling System	TOTAL DEPTH: 5 Feet bsg / WEATHER: Overcast / TEMPERATURE: 60°F
LATITUDE: 40° 49' 12.249" N / LONGITUDE: 73° 51' 31.445" W	APPROX. DEPTH TO GROUNDWATER: N/A

DEPTH (feet)	PID RESULTS (ppm)	% Recovery	LITHOLOGIC LOG	USCS Letter Symbol	DESCRIPTION NAME (USCS): color, moisture, plasitcity density
0.0					Asphalt
0.5					
1.0	0.0				
1.5					
2.0					
2.5		70%			Fill Material: 0'-2' & 2'-4' Intervals Submitted for Laboratory Analysis
3.0					
3.5	0.0				
4.0					
4.5					
5.0					End of Boring at 5 Feet Below Surface Grade

PROJECT NAME: Stevenson Commons	BORING NUMBER: B1MW-1
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures	BORING LOCATION: Northern Portion of the Handball Court
DRILLING METHOD: 3.25 inch OD Probe Rods	TOTAL DEPTH: 15 Feet bsg / MEASURING POINT: Ground Surface
DRILLING EQUIPMENT: Geoprobe® 6712 DT	GROUND SURFACE ELEVATION: 19 Feet Above Sea Level
SAMPLING METHOD: DT325 Soil Sampling System	DEPTH TO GROUNDWATER: ≈11.00 Feet bsg
LATITUDE: 40° 49' 15.632" N / LONGITUDE: 73° 51' 41.783" W	RESPONSIBLE PROFESSIONAL: Leif Robertson / LOGGED BY: Peter Lelliott

WELL CONSTRUCTION

DEPTH (feet)

0.0 — Locking J-Plug Cover

2.0 — 2" diameter Schedule 40 PVC Riser

4.0 — Bentonite Chip Seal

6.0

8.0 — #1 Morie Sand Pack

10.0

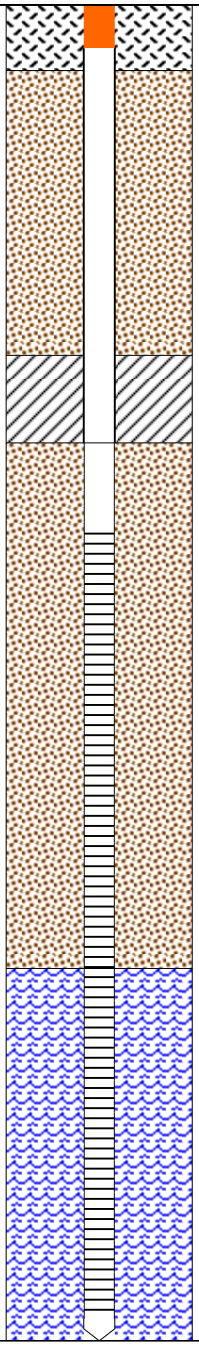
Groundwater Interface

12.0

2" diameter 0.020" Slot, Schedule 40 PVC Screen

14.0

WELL LOG



PROJECT NAME: Stevenson Commons	BORING NUMBER: B3MW-1
PROJECT ADDRESS: 1850 Lafayette Avenue, Bronx, New York 10473	
DRILLING CONTRACTOR: Impact Environmental Closures	BORING LOCATION: Northeastern Portion of Field
DRILLING METHOD: 3.25 inch OD Probe Rods	TOTAL DEPTH: 15 Feet bsg / MEASURING POINT: Ground Surface
DRILLING EQUIPMENT: Geoprobe® 6712 DT	GROUND SURFACE ELEVATION: 15 Feet Above Sea Level
SAMPLING METHOD: DT325 Soil Sampling System	DEPTH TO GROUNDWATER: ≈10.00 Feet bsg
LATITUDE: 40° 49' 14.003" N / LONGITUDE: 73° 51' 38.282" W	RESPONSIBLE PROFESSIONAL: Leif Robertson / LOGGED BY: Peter Lelliott

WELL CONSTRUCTION

DEPTH (feet)

0.0 — Locking J-Plug Cover

2.0 — 2" diameter Schedule 40 PVC Riser

4.0 — Bentonite Chip Seal

6.0

8.0 — #1 Morie Sand Pack

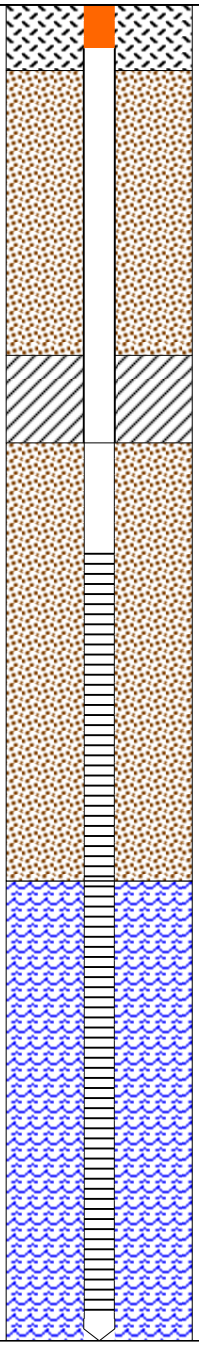
10.0 — Groundwater Interface

12.0

2" diameter 0.020" Slot, Schedule 40 PVC Screen

14.0

WELL LOG



Appendix D

Groundwater Sample Logs

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
631.269.8800 telephone
631.269.1599 facsimile
www.impactenvironmental.com

Project #: 13453	Date: 01/12/2021	Pg. 1 of 2
Client:		Staff: MD/TS
Site: 1850 LAFAYETTE		
Task: GW SAMPLING - PHASE II		

Groundwater Purging and Sampling Log

Well Number	Well Head PID (PPM)	Depth To Product	Depth To Water	Product Thickness	Total Depth of Well	Well Diameter						Well Volume	Purge Meathod & Sampling Device
B1-MW-1	0.0	—	12.71	—	15'	2"							
Volume	Time	Temp	pH	Cond	Salinity	Diss O2	Redox (ORP)	Turbidity	Alkalinity	Mn	Fe	Notes	
1	DUE TO POOR RECHARGE, FIELD READINGS NOT OBTAINED. WELL BAILED DRY DURING PURGE. WAITED												
2	A COUPLE HOURS FOR WELL TO RECHARGE AND COLLECTED SAMPLE.												
3													
4				SAMPLED @1415									
5													

Well Number	Well Head PID (PPM)	Depth To Product	Depth To Water	Product Thickness	Total Depth of Well	Well Diameter						Well Volume	Purge Meathod & Sampling Device
B2-MW-1	0.0	—	9.64	—	20.22	2"							
Volume	Time	Temp	pH	Cond	Salinity	Diss O2	Redox (ORP)	Turbidity	Alkalinity	Mn	Fe	Notes	
1	1215	13.86	7.36	1.51	0.8	0.00	-185	57.8	—	—	—		
2													
3													
4				SAMPLED @ 1215									
5													

Well Number	Well Head PID (PPM)	Depth To Product	Depth To Water	Product Thickness	Total Depth of Well	Well Diameter						Well Volume	Purge Meathod & Sampling Device
B3-MW-1	0.0	—	11.86	—	15'	2"							
Volume	Time	Temp	pH	Cond	Salinity	Diss O2	Redox (ORP)	Turbidity	Alkalinity	Mn	Fe	Notes	
1	1315	13.91	9.06	1.76	0.9	2.00	-86	300	—	—	—		
2													
3													
4				SAMPLED @ 1315									
5													

Well Volume Calculation: Total Depth of Well - Depth to Water = Water Column Height.
Water Column Height x Well Diameter Multiplier = One Well Volume in Gallons

Diameter	Multiplier	Diameter	Multiplier
1 Inch	0.041	3 Inch	0.369
2 Inch	0.164	4 Inch	0.656

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170 Keyland Court
Bohemia, New York 11716
631.269.8800 telephone
631.269.1599 facsimile
www.impactenvironmental.com

Project #: 13453	Date: 04/12/2021	Pg. 1 of 2
Client:		Staff: MD/TS
Site: 1850 LAFAYETTE		
Task: GW SAMPLING - PHASE II		

Groundwater Purging and Sampling Log

Well Number	Well Head PID (PPM)	Depth To Product	Depth To Water	Product Thickness	Total Depth of Well	Well Diameter						Well Volume	Purge Meathod & Sampling Device
BZ-MW-1	0.0	—	8.60	—	33.35	2"							
Volume	Time	Temp	pH	Cond	Salinity	Diss O2	Redox (ORP)	Turbidity	Alkalinity	Mn	Fe	Notes	
1	0915	14.02	8.98	1.17	0.6	10.37	164	38.1	—	—	—	NO LOCK CAP	
2													
3													
4				SAMPLED @ 0915									
5													

Well Number	Well Head PID (PPM)	Depth To Product	Depth To Water	Product Thickness	Total Depth of Well	Well Diameter						Well Volume	Purge Meathod & Sampling Device
BU-MW-1	0.0	—	8.73	—	29.73	2"							
Volume	Time	Temp	pH	Cond	Salinity	Diss O2	Redox (ORP)	Turbidity	Alkalinity	Mn	Fe	Notes	
1	1015	13.56	7.08	0.755	0.4	0.22	211	120	—	—	—	MISSING	
2												MANHOLE	
3												COVER	
4				SAMPLED @ 1015									
5													

Well Number	Well Head PID (PPM)	Depth To Product	Depth To Water	Product Thickness	Total Depth of Well	Well Diameter						Well Volume	Purge Meathod & Sampling Device
BE-MW-1	5.9	—	8.67	—	29.30	2"							
Volume	Time	Temp	pH	Cond	Salinity	Diss O2	Redox (ORP)	Turbidity	Alkalinity	Mn	Fe	Notes	
1	1115	14.29	6.94	0.844	0.4	0.25	-121	75.2	—	—	—		
2													
3													
4				SAMPLED	@ 1115								
5													

Well Volume Calculation: Total Depth of Well - Depth to Water = Water Column Height.

Water Column Height x Well Diameter Multiplier = One Well Volume in Gallons

Diameter	Multiplier	Diameter	Multiplier
1 Inch	0.041	3 Inch	0.369
2 Inch	0.164	4 Inch	0.656

Appendix E

Air Sampling Logs

1850 Lafayette Avenue, Bronx, NY

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170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

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Air/Soil Gas Sampling Form

Project #: 13453 Date: 4/13/21

Project Name: 1860 Lafayette Ave Investigator: TS

Type of Sample: (circle one)

Indoor Air | Sub-Slab Soil Gas | (Ambient Air) | Soil Gas

Sample Location:

Ambient Air

Canister Record:

Canister ID: 3424
Flow regulator ID: ~~0135~~ 01542
Sample duration: 2 Hour
Sampling rate: 18.0 ml/min

Sample ID: AA-1
Date/Time start: 4/13/21 - ~~09:03~~ 09:05
Date/Time end: 4/13/21 - 11:05

Regulator: ~~0135~~ 01542
Start pressure: ~~-30.06~~ -30.29
End pressure: -4.81

Air temperature (°F): 46°
Barometric pressure: 30.03
PID reading (ppm): 0.0

PID Meter: MiniRae 3000
Vacuum/Air pump:
Type/ft. tubing used:

Noticeable odor: N/A
Floor slab depth (ft.):
Ground surface type:
Room:
Story/level:
Intake depth below floor (ft.): ~~7.5~~

Analytical method required: TO-15 LL
Laboratory used: alpha

Comments:

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Air/Soil Gas Sampling Form

Project #: 13453 Date: 04/14/21

Project Name: 1360 LAFAYETTE Investigator: MD

Type of Sample: (circle one)

Indoor Air | Sub-Slab Soil Gas | (Ambient Air) | Soil Gas

Sample Location:

ADJACENT TO SOUTHERN ENTRANCE

Canister Record:

Canister ID: 2851
Flow regulator ID: 01850
Sample duration: 2-HR
Sampling rate: 18.7 mL/min

Sample ID: AA-2
Date/Time start: 04/14/21; 0810
Date/Time end: 04/14/21; 1010

Regulator: 01850
Start pressure: -30.30
End pressure: -6.00

Air temperature (°F): 57°
Barometric pressure: 30.07 inHg
PID reading (ppm): 0.0

PID Meter: MiniRAE3000
Vacuum/Air pump:
Type/ft. tubing used:

Noticeable odor:
Floor slab depth (ft.):
Ground surface type:
Room:
Story/level:
Intake depth below floor (ft.): ~~4.5~~

Analytical method required: TO-15
Laboratory used: ALPHA

Comments:

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Air/Soil Gas Sampling Form

Project #: 13453
Date: 4/13/21
Project Name: 1860 Lafayette Ave
Investigator: TS

Type of Sample: (circle one)

Indoor Air | Sub-Slab Soil Gas | Ambient Air | (Soil Gas)

Sample Location:

Canister Record:

Canister ID: 3453
Flow regulator ID: 01881
Sample duration: 2 Hour
Sampling rate: 19.3 ml/min

Sample ID: B1SV-1
Date/Time start: 4/13/21 - 08:50
Date/Time end: 4/13/21 - 10:50

Regulator: 01881
Start pressure: -30.48
End pressure: -7.60

Air temperature (°F): 46°
Barometric pressure: 30.03
PID reading (ppm): 1.7

PID Meter: MiniRae 3000
Vacuum/Air pump:
Type/ft. tubing used:

Noticeable odor: N/A
Floor slab depth (ft.):
Ground surface type:
Room:
Story/level:
Intake depth below floor (ft.): 7.5'

Analytical method required: TO15-LL
Laboratory used: Alpha

Comments:

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Air/Soil Gas Sampling Form

Project #: 13453
Date: 4/13/21
Project Name: 1860 Lafayette Ave
Investigator: TS

Type of Sample: (circle one)

Indoor Air | Sub-Slab Soil Gas | Ambient Air | (Soil Gas)

Sample Location:

Canister Record:

Canister ID: 3191
Flow regulator ID: 0507
Sample duration:
Sampling rate:

Sample ID: BISV-2
Date/Time start: 4/13/21 - 09:03
Date/Time end: 4/13/21 - 11:03

Regulator: 0507
Start pressure: -30.06
End pressure: -6.85

Air temperature (°F): 46°
Barometric pressure: 30.03
PID reading (ppm): 0.4

PID Meter: MiniRae 3000
Vacuum/Air pump:
Type/ft. tubing used:

Noticeable odor: N/A
Floor slab depth (ft.):
Ground surface type:
Room:
Story/level:
Intake depth below floor (ft.): 7.5'

Analytical method required: TO15-LL
Laboratory used: Alpha

Comments:

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Air/Soil Gas Sampling Form

Project #: 13453 Date: 4/13/21

Project Name: 1860 Lafayette Ave Investigator: TS

Type of Sample: (circle one)

Indoor Air Sub-Slab Soil Gas Ambient Air (Soil Gas)

Sample Location:

Canister Record:

Canister ID: 3428
Flow regulator ID: 01337
Sample duration: 2 Hour
Sampling rate: 18.3 ml/min

Sample ID: B2-SV-1
Date/Time start: 4/13/21 - 09:23
Date/Time end: 4/13/21 - 11:23

Regulator: 01337
Start pressure: -30.24
End pressure: ~~-6.87~~ -8.82

Air temperature (°F): 46°
Barometric pressure: 30.03
PID reading (ppm): 0.1

PID Meter: MiniRae3000
Vacuum/Air pump:
Type/ft. tubing used:

Noticeable odor: N/A
Floor slab depth (ft.):
Ground surface type:
Room:
Story/level:
Intake depth below floor (ft.): 7.5'

Analytical method required: TO15-LL
Laboratory used: Alpha

Comments:

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Air/Soil Gas Sampling Form

Project #: 13453 Date: 4/13/21

Project Name: 1860 Lafayette Ave Investigator: TS

Type of Sample: (circle one)

Indoor Air Sub-Slab Soil Gas Ambient Air (Soil Gas)

Sample Location:

Canister Record:

Canister ID: 2601
Flow regulator ID: 01872
Sample duration: 2 Hour
Sampling rate: 17.5 ml/min

Sample ID: B2SV-2
Date/Time start: 4/13/21 - 08:44
Date/Time end: 4/13/21 - 10:44

Regulator: 01872
Start pressure: -29.94
End pressure: -8.43

Air temperature (°F): 46°
Barometric pressure: 30.03
PID reading (ppm): 0.4

PID Meter: MiniRae3000
Vacuum/Air pump:
Type/ft. tubing used:

Noticeable odor: N/A
Floor slab depth (ft.):
Ground surface type:
Room:
Story/level:
Intake depth below floor (ft.): 7.5'

Analytical method required: TO15-LL
Laboratory used: Alpha

Comments:

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Air/Soil Gas Sampling Form

Project #: 13453 Date: 4/13/21

Project Name: 1860 Lafayette Ave Investigator: TS

Type of Sample: (circle one)

Indoor Air Sub-Slab Soil Gas Ambient Air (Soil Gas)

Sample Location:

Canister Record:

Canister ID: 2300
Flow regulator ID: 0856
Sample duration: 2 Hour
Sampling rate: 19.4 ml/min

Sample ID: B35V-1
Date/Time start: 4/13/21 - 09:18
Date/Time end: 4/13/21 - 11:18

Regulator: 0856
Start pressure: -30.26
End pressure: -6.87

Air temperature (°F): 46°
Barometric pressure: 30.03
PID reading (ppm): 0.0

PID Meter: MiniRae3000
Vacuum/Air pump:
Type/ft. tubing used:

Noticeable odor: N/A
Floor slab depth (ft.):
Ground surface type:
Room:
Story/level:
Intake depth below floor (ft.): 7.5'

Analytical method required: TO15-LL
Laboratory used: Alpha

Comments:

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Air/Soil Gas Sampling Form

Project #: 13453
Date: 4/13/21
Project Name: 1860 Lafayette Ave
Investigator: TS

Type of Sample: (circle one)

Indoor Air | Sub-Slab Soil Gas | Ambient Air | (Soil Gas)

Sample Location:

Canister Record:

Canister ID: 512
Flow regulator ID: 01351
Sample duration: 2 Hour
Sampling rate: 18.1 ml/min

Sample ID: B35V-2
Date/Time start: 4/13/21 - 09:27
Date/Time end: 4/13/21 - 11:27

Regulator: 01351
Start pressure: -30.41
End pressure: -8.68

Air temperature (°F): 46°
Barometric pressure: 30.03
PID reading (ppm): 0.1

PID Meter: MiniRae3000
Vacuum/Air pump:
Type/ft. tubing used:

Noticeable odor: N/A
Floor slab depth (ft.):
Ground surface type:
Room:
Story/level:
Intake depth below floor (ft.): 7.5'

Analytical method required: TO15-LL
Laboratory used: Alpha

Comments:

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Air/Soil Gas Sampling Form

Project #: 13453 Date: 04/14/21

Project Name: BLOOMFIELD Investigator: MD

Type of Sample: (circle one)

Indoor Air | Sub-Slab Soil Gas | Ambient Air | Soil Gas

Sample Location:

Canister Record:

Canister ID: 107
Flow regulator ID: 0851
Sample duration: 2 HR
Sampling rate: 19.4 mL/min

Sample ID: B4SV-1
Date/Time start: 4/14/21 ; 0719
Date/Time end: 4/14/21 ; 0919

Regulator: 0851
Start pressure: -30.20
End pressure: -5.19

Air temperature (°F): 52°
Barometric pressure: 30.07 inHg
PID reading (ppm): 0.0

PID Meter: MiniRAE 3000
Vacuum/Air pump:
Type/ft. tubing used:

Noticeable odor:
Floor slab depth (ft.):
Ground surface type:
Room:
Story/level:
Intake depth below floor (ft.): 7.5'

Analytical method required: TO-15
Laboratory used: ALPHA

Comments:

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Air/Soil Gas Sampling Form

Project #: 13453 Date: 04/14/21

Project Name: 1860 LAFAYETTE Investigator: MD

Type of Sample: (circle one)

Indoor Air | Sub-Slab Soil Gas | Ambient Air | (Soil Gas)

Sample Location:

Canister Record:

Canister ID: 5490
Flow regulator ID: 0901
Sample duration: 2-HR
Sampling rate: 8.6 mL/min

Sample ID: B4 SV-2
Date/Time start: 4/14/21; 0722
Date/Time end: 4/14/21; 0922

Regulator: 0901
Start pressure: -31.23
End pressure: -6.04

Air temperature (°F): 52°
Barometric pressure: 30.07 inHg
PID reading (ppm): 0.0

PID Meter: MiniRAE 3000
Vacuum/Air pump:
Type/ft. tubing used:

Noticeable odor:
Floor slab depth (ft.):
Ground surface type:
Room:
Story/level:
Intake depth below floor (ft.): 7.5'

Analytical method required: TO-15
Laboratory used: Aurea

Comments:

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Air/Soil Gas Sampling Form

Project #: 13153 Date: 04/14/21

Project Name: 1860 LAFAYETTE Investigator: MD

Type of Sample: (circle one)

Indoor Air Sub-Slab Soil Gas Ambient Air (Soil Gas)

Sample Location:

Canister Record:

Canister ID: 2763
Flow regulator ID: 01935
Sample duration: 2 HR
Sampling rate: 18.5 mL/min

Sample ID: BS-SV-1
Date/Time start: 4/14/21, 0727
Date/Time end: 4/14/21, 0927

Regulator: 01935
Start pressure: -30.40
End pressure: -5.98

Air temperature (°F): 52°
Barometric pressure: 30.07 inHg
PID reading (ppm): 0.0

PID Meter: MiniRAE 3000
Vacuum/Air pump:
Type/ft. tubing used:

Noticeable odor:
Floor slab depth (ft.):
Ground surface type:
Room:
Story/level:
Intake depth below floor (ft.): 7.5'

Analytical method required: TO-15
Laboratory used: Alpha

Comments:

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Air/Soil Gas Sampling Form

Project #: 13453 Date: 04/14/21

Project Name: 1360 Lafayette Investigator: MD

Type of Sample: (circle one)

Indoor Air | Sub-Slab Soil Gas | Ambient Air | (Soil Gas)

Sample Location:

Canister Record:

Canister ID: 187
Flow regulator ID: 01874
Sample duration: 2-HR
Sampling rate: 19.6 mL/min

Sample ID: BG-SV-2
Date/Time start: 4/14/21, 0730
Date/Time end: 4/14/21, 0930

Regulator: 01874
Start pressure: -30.32
End pressure: -4.87

Air temperature (°F): 52°
Barometric pressure: 30.07 in Hg
PID reading (ppm): 0.0

PID Meter: MiniRAE 3000
Vacuum/Air pump:
Type/ft. tubing used:

Noticeable odor:
Floor slab depth (ft.):
Ground surface type:
Room:
Story/level:
Intake depth below floor (ft.): 7.5'

Analytical method required: TO-15
Laboratory used: Alpha

Comments:

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Air/Soil Gas Sampling Form

Project #: 13453 Date: 04/14/21

Project Name: 1860 LAFAYETTE Investigator: MD

Type of Sample: (circle one)

Indoor Air | Sub-Slab Soil Gas | Ambient Air | (Soil Gas)

Sample Location:

Canister Record:

Canister ID: 23334
Flow regulator ID: 0134
Sample duration: 7-HR
Sampling rate: 17.8 mL/min

Sample ID: B60 SV-1
Date/Time start: 04/14/21; 830
Date/Time end: 04/14/21; 1030

Regulator: 0134
Start pressure: -30.32
End pressure: -3.33

Air temperature (°F): 60°
Barometric pressure: 30.05 inHg
PID reading (ppm): 0.0

PID Meter: MiniRAE 3000
Vacuum/Air pump:
Type/ft. tubing used:

Noticeable odor:
Floor slab depth (ft.):
Ground surface type:
Room:
Story/level:
Intake depth below floor (ft.): 75'

Analytical method required: TO-15
Laboratory used: ALPHA

Comments:

Appendix F

Laboratory Reports

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
170 Keyland Court
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TEL: (631) 268-8800
FAX: (631) 269-1599

ANALYTICAL REPORT

Lab Number:	L2119400
Client:	Impact Environmental 170 Keyland Ct Bohemia, NY 11716
ATTN:	Dan Fruhauf
Phone:	(631) 269-8800
Project Name:	STEVENSON COMMONS
Project Number:	13453
Report Date:	04/20/21

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2119400-01	B2SB-2 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/12/21 09:00	04/15/21
L2119400-02	B2SB-2 (8-10)	SOIL	1850 LAFAYETTE AVENUE	04/12/21 09:10	04/15/21
L2119400-03	B1SB-1 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/12/21 09:40	04/15/21
L2119400-04	B1SB-1 (8-10)	SOIL	1850 LAFAYETTE AVENUE	04/12/21 09:41	04/15/21
L2119400-05	OSSB-2 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/12/21 10:30	04/15/21
L2119400-06	OSSB-2 (2-4)	SOIL	1850 LAFAYETTE AVENUE	04/12/21 10:39	04/15/21
L2119400-07	OSSB-1 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/12/21 11:15	04/15/21
L2119400-08	OSSB-1 (2-4)	SOIL	1850 LAFAYETTE AVENUE	04/12/21 11:19	04/15/21
L2119400-09	B1SB-2 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/12/21 11:50	04/15/21
L2119400-10	B1SB-2 (8-10)	SOIL	1850 LAFAYETTE AVENUE	04/12/21 11:57	04/15/21
L2119400-11	B2SB-1 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/12/21 12:15	04/15/21
L2119400-12	B2SB-1 (8-10)	SOIL	1850 LAFAYETTE AVENUE	04/12/21 12:19	04/15/21
L2119400-13	B3SB-1 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/12/21 12:40	04/15/21
L2119400-14	B3SB-1 (8-10)	SOIL	1850 LAFAYETTE AVENUE	04/12/21 12:57	04/15/21
L2119400-15	B3SB-2 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/12/21 13:30	04/15/21
L2119400-16	B3SB-2 (8-10)	SOIL	1850 LAFAYETTE AVENUE	04/12/21 13:45	04/15/21
L2119400-17	OSSB-3 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/13/21 08:00	04/15/21
L2119400-18	OSSB-3 (2-4)	SOIL	1850 LAFAYETTE AVENUE	04/13/21 08:05	04/15/21
L2119400-19	OSSB-4 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/13/21 08:40	04/15/21
L2119400-20	OSSB-4 (2-4)	SOIL	1850 LAFAYETTE AVENUE	04/13/21 08:50	04/15/21
L2119400-21	B4SB-1 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/13/21 10:00	04/15/21
L2119400-22	B4SB-1 (8-10)	SOIL	1850 LAFAYETTE AVENUE	04/13/21 10:15	04/15/21
L2119400-23	B5SB-1 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/13/21 10:40	04/15/21
L2119400-24	B5SB-1 (8-10)	SOIL	1850 LAFAYETTE AVENUE	04/13/21 10:50	04/15/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2119400-25	B4SB-2 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/13/21 11:00	04/15/21
L2119400-26	B4SB-2 (8-10)	SOIL	1850 LAFAYETTE AVENUE	04/13/21 11:30	04/15/21
L2119400-27	B5SB-2 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/13/21 12:00	04/15/21
L2119400-28	B5SB-2 (8-10)	SOIL	1850 LAFAYETTE AVENUE	04/13/21 12:15	04/15/21
L2119400-29	OSSB-6 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/13/21 12:40	04/15/21
L2119400-30	OSSB-6 (2-4)	SOIL	1850 LAFAYETTE AVENUE	04/13/21 12:49	04/15/21
L2119400-31	OSSB-5 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/13/21 13:00	04/15/21
L2119400-32	OSSB-5 (2-4)	SOIL	1850 LAFAYETTE AVENUE	04/13/21 13:10	04/15/21
L2119400-33	B6SB-2 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/14/21 07:00	04/15/21
L2119400-34	B6SB-2 (8-10)	SOIL	1850 LAFAYETTE AVENUE	04/14/21 07:15	04/15/21
L2119400-35	OSSB-7 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/14/21 07:21	04/15/21
L2119400-36	OSSB-7 (2-4)	SOIL	1850 LAFAYETTE AVENUE	04/14/21 07:27	04/15/21
L2119400-37	B6SB-1 (0-2)	SOIL	1850 LAFAYETTE AVENUE	04/14/21 08:30	04/15/21
L2119400-38	B6SB-1 (8-10)	SOIL	1850 LAFAYETTE AVENUE	04/14/21 08:40	04/15/21

Project Name:	STEVENSON COMMONS	**Lab Number:**	L2119400
Project Number:	13453	**Report Date:**	04/20/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: STEVENSON COMMONS **Lab Number:** L2119400
Project Number: 13453 **Report Date:** 04/20/21

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2119400-03: The internal standard (IS) responses for fluorobenzene (30%), chlorobenzene-d5 (30%), and 1,4-dichlorobenzene-d4 (31%) and the surrogate recovery for 1,2-dichloroethane-d4 (134%) were outside the acceptance criteria. A second low-level vial was analyzed, but yielded no internal standard recoveries. Since the IS response was below method criteria, all associated compounds and surrogate recoveries are considered to have a potentially high bias. A high-level analysis was performed, and those results are also reported.
L2119400-10: The internal standard (IS) responses for fluorobenzene (31%), chlorobenzene-d5 (32%), and 1,4-dichlorobenzene-d4 (34%) and the surrogate recovery for 1,2-dichloroethane-d4 (145%) were outside the acceptance criteria. A second low-level vial was analyzed, but yielded no internal standard recoveries. A high-level analysis was performed, and those results are also reported.
The WG1488395-5 Method Blank, associated with L2119400-34, has a concentration above the reporting limit for toluene. Since the sample was non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.

Semivolatile Organics

L2119400-21D, -24D, -29D, -30D, -32D, -33D, -35D, -36D, -37D, and -38D: The sample has elevated detection limits due to the dilution required by the sample matrix.

PCBs

L2119400-13D and -14D: The sample has elevated detection limits due to the dilution required by the sample matrix. The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Project Name: STEVENSON COMMONS **Lab Number:** L2119400
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Case Narrative (continued)

L2119400-30: The surrogate recoveries are outside the acceptance criteria for decachlorobiphenyl (247%, 298%); however, the sample was not re-extracted due to coelution with Aroclor 1268.

Pesticides

L2119400-01: The surrogate recovery is outside the acceptance criteria for decachlorobiphenyl (25%); however, the sample was not re-extracted due to coelution with obvious interferences.

L2119400-01: The internal standard (IS) response for 1-bromo-2-nitrobenzene (285%) was above the acceptance criteria on column B; however, the sample was not re-analyzed due to obvious interferences. Since the IS response was above method criteria, all associated compounds reported from this column are considered to have a potentially low bias. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (20%) and decachlorobiphenyl (23%) due to interference with the Internal Standard.

L2119400-02D, -04D, -06D, -07D, -12D, -21D, -22D, -23D, -24D, -25D, -27D, -29D, -30D, -31D, -32D, -33D, -35D, -36D, and -38D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2119400-12D: The surrogate recoveries are outside the acceptance criteria for decachlorobiphenyl (21%) and 2,4,5,6-tetrachloro-m-xylene (2515%); however, the sample was not re-extracted due to coelution with obvious interferences.

L2119400-34: The surrogate recoveries are outside the acceptance criteria for decachlorobiphenyl (573%, 608%); however, the sample was not re-extracted due to coelution with obvious interferences.

Total Metals

The WG1487254-3 MS recoveries, performed on L2119400-01, are outside the acceptance criteria for beryllium (60%) and cadmium (62%). A post digestion spike was performed and yielded unacceptable recoveries for beryllium (71%) and cadmium (55%). The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG1487254-3 MS recoveries, performed on L2119400-01, are outside the acceptance criteria for arsenic

Case Narrative (continued)

(9%), chromium (0%), copper (173%), lead (170%), nickel (62%) and zinc (203%). A post digestion spike was performed and yielded unacceptable recoveries for arsenic (70%), chromium (33%), copper (75%), lead (56%), nickel (50%) and zinc (56%). The serial dilution recovery was not acceptable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.
The WG1487263-3 MS recovery for mercury (160%), performed on L2119400-01, does not apply because the sample concentration is greater than four times the spike amount added.
The WG1487266-3 MS recoveries, performed on L2119400-21, are outside the acceptance criteria for lead (42%) and zinc (67%). A post digestion spike was performed and yielded unacceptable recoveries for lead (69%) and zinc (70%). The serial dilution recovery was not acceptable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.
The WG1487254-4 Laboratory Duplicate RPDs for arsenic (45%), barium (90%), nickel (32%) and zinc (71%), performed on L2119400-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.
The WG1487254-6 serial dilution analysis, associated with L2119400-01, had a %D above the acceptance criteria for arsenic (57%), chromium (40%), copper (137%), lead (80%), nickel (63%) and zinc (100%).

Cyanide, Total
The WG1487020-2/-3 LCS/LCSD recoveries for cyanide, total (71%/58%), associated with L2119400-01, -02, -03, -04, -12, -13, -14, -15, and -16, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.
The WG1487287-2/-3 LCS/LCSD recoveries for cyanide, total (48%/73%), associated with L2119400-05, -06, -07, -08, -09, -10, -11, -17, -18, and -19, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.
The WG1487288-2/-3 LCS/LCSD recoveries for cyanide, total (48%/73%), associated with L2119400-20 through -29, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.
The WG1487352-2/-3 LCS/LCSD recoveries for cyanide, total (35%/49%), associated with L2119400-30

Project Name:	STEVENSON COMMONS	**Lab Number:**	L2119400
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Case Narrative (continued)

through -38, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits.

The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Lisa Westerlind

Title: Technical Director/Representative Date: 04/20/21

ORGANICS

VOLATILES

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-01 Date Collected: 04/12/21 09:00
Client ID: B2SB-2 (0-2) Date Received: 04/15/21
Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/16/21 21:32
Analyst: MKS
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
Tetrachloroethene	7.2		ug/kg	0.63	0.24	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	0.81		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Acetone	24		ug/kg	12	6.0	1
2-Butanone	ND		ug/kg	12	2.8	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-01 Date Collected: 04/12/21 09:00

Client ID: B2SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	110		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-02
Client ID: B2SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 09:10
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/16/21 21:58
Analyst: MKS
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
Tetrachloroethene	0.62		ug/kg	0.58	0.22	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.62	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Vinyl chloride	ND		ug/kg	1.2	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.2	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Acetone	16		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.6	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-02 Date Collected: 04/12/21 09:10

Client ID: B2SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	109		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-03 Date Collected: 04/12/21 09:40
Client ID: B1SB-1 (0-2) Date Received: 04/15/21
Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/16/21 22:24
Analyst: MKS
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.47	1
Ethylbenzene	ND		ug/kg	0.86	0.12	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
Acetone	90		ug/kg	8.6	4.1	1
2-Butanone	ND		ug/kg	8.6	1.9	1
n-Butylbenzene	ND		ug/kg	0.86	0.14	1
sec-Butylbenzene	ND		ug/kg	0.86	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
n-Propylbenzene	ND		ug/kg	0.86	0.15	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-03 Date Collected: 04/12/21 09:40

Client ID: B1SB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	69	30.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**134**	Q	70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	108		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-03
Client ID: B1SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 09:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/19/21 12:31
Analyst: JC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	280	130	1
1,1-Dichloroethane	ND		ug/kg	56	8.1	1
Chloroform	28	J	ug/kg	84	7.8	1
Carbon tetrachloride	ND		ug/kg	56	13.	1
Tetrachloroethene	ND		ug/kg	28	11.	1
Chlorobenzene	ND		ug/kg	28	7.1	1
1,2-Dichloroethane	ND		ug/kg	56	14.	1
1,1,1-Trichloroethane	ND		ug/kg	28	9.3	1
Benzene	ND		ug/kg	28	9.2	1
Toluene	ND		ug/kg	56	30.	1
Ethylbenzene	ND		ug/kg	56	7.9	1
Vinyl chloride	ND		ug/kg	56	19.	1
1,1-Dichloroethene	ND		ug/kg	56	13.	1
trans-1,2-Dichloroethene	ND		ug/kg	84	7.6	1
1,2-Dichlorobenzene	ND		ug/kg	110	8.0	1
1,3-Dichlorobenzene	ND		ug/kg	110	8.2	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.5	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	ND		ug/kg	110	31.	1
o-Xylene	ND		ug/kg	56	16.	1
Xylenes, Total	ND		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	56	9.8	1
Acetone	ND		ug/kg	560	270	1
2-Butanone	ND		ug/kg	560	120	1
n-Butylbenzene	ND		ug/kg	56	9.3	1
sec-Butylbenzene	ND		ug/kg	56	8.1	1
tert-Butylbenzene	ND		ug/kg	110	6.6	1
n-Propylbenzene	ND		ug/kg	56	9.5	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-03 Date Collected: 04/12/21 09:40

Client ID: B1SB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	110	11.	1
1,2,4-Trimethylbenzene	ND		ug/kg	110	19.	1
1,4-Dioxane	ND		ug/kg	4400	2000	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-04
Client ID: B1SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 09:41
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/19/21 12:05
Analyst: JC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	10	4.6	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.29	1
Chloroform	ND		ug/kg	3.0	0.28	1
Carbon tetrachloride	ND		ug/kg	2.0	0.46	1
Tetrachloroethene	7.3		ug/kg	1.0	0.40	1
Chlorobenzene	ND		ug/kg	1.0	0.26	1
1,2-Dichloroethane	ND		ug/kg	2.0	0.52	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.34	1
Benzene	ND		ug/kg	1.0	0.34	1
Toluene	ND		ug/kg	2.0	1.1	1
Ethylbenzene	1.4	J	ug/kg	2.0	0.28	1
Vinyl chloride	ND		ug/kg	2.0	0.68	1
1,1-Dichloroethene	ND		ug/kg	2.0	0.48	1
trans-1,2-Dichloroethene	ND		ug/kg	3.0	0.28	1
Trichloroethene	ND		ug/kg	1.0	0.28	1
1,2-Dichlorobenzene	ND		ug/kg	4.0	0.29	1
1,3-Dichlorobenzene	ND		ug/kg	4.0	0.30	1
1,4-Dichlorobenzene	ND		ug/kg	4.0	0.34	1
Methyl tert butyl ether	ND		ug/kg	4.0	0.40	1
p/m-Xylene	2.4	J	ug/kg	4.0	1.1	1
o-Xylene	2.3		ug/kg	2.0	0.59	1
cis-1,2-Dichloroethene	4.4		ug/kg	2.0	0.35	1
Acetone	150		ug/kg	20	9.7	1
2-Butanone	ND		ug/kg	20	4.5	1
n-Butylbenzene	ND		ug/kg	2.0	0.34	1
sec-Butylbenzene	ND		ug/kg	2.0	0.29	1
tert-Butylbenzene	ND		ug/kg	4.0	0.24	1
n-Propylbenzene	0.45	J	ug/kg	2.0	0.34	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-04 Date Collected: 04/12/21 09:41

Client ID: B1SB-1 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	1.2	J	ug/kg	4.0	0.39	1
1,2,4-Trimethylbenzene	1.8	J	ug/kg	4.0	0.67	1
1,4-Dioxane	ND		ug/kg	160	71.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	108		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-05
Client ID: OSSB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 10:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/16/21 22:50
Analyst: MKS
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.15	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Acetone	25		ug/kg	12	5.8	1
2-Butanone	ND		ug/kg	12	2.7	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-05 Date Collected: 04/12/21 10:30

Client ID: OSSB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	97	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-06 Date Collected: 04/12/21 10:39
Client ID: OSSB-2 (2-4) Date Received: 04/15/21
Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/16/21 23:15
Analyst: MKS
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Acetone	13		ug/kg	12	6.0	1
2-Butanone	ND		ug/kg	12	2.8	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-06 Date Collected: 04/12/21 10:39

Client ID: OSSB-2 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-07
Client ID: OSSB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/16/21 23:41
Analyst: MKS
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	0.31	J	ug/kg	1.1	0.19	1
Acetone	51		ug/kg	11	5.3	1
2-Butanone	ND		ug/kg	11	2.4	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-07 Date Collected: 04/12/21 11:15

Client ID: OSSB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	108		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-08
Client ID: OSSB-1 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:19
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 00:07
Analyst: MKS
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	0.27	J	ug/kg	1.1	0.19	1
Acetone	35		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.4	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.1	0.18	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-08 Date Collected: 04/12/21 11:19

Client ID: OSSB-1 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	109		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-09
Client ID: B1SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:50
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 12:09
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Acetone	ND		ug/kg	12	5.9	1
2-Butanone	ND		ug/kg	12	2.7	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-09 Date Collected: 04/12/21 11:50

Client ID: B1SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	111		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-10
Client ID: B1SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:57
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 12:35
Analyst: AJK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.9	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
Tetrachloroethene	ND		ug/kg	0.69	0.27	1
Chlorobenzene	ND		ug/kg	0.69	0.18	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.69	0.23	1
Benzene	ND		ug/kg	0.69	0.23	1
Toluene	ND		ug/kg	1.4	0.75	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.69	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.77	1
o-Xylene	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Acetone	250		ug/kg	14	6.6	1
2-Butanone	ND		ug/kg	14	3.1	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-10 Date Collected: 04/12/21 11:57

Client ID: B1SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.46	1
1,4-Dioxane	ND		ug/kg	110	48.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**145**	Q	70-130
Toluene-d8	85		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	112		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-10
Client ID: B1SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:57
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/19/21 12:56
Analyst: JC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	410	190	1
1,1-Dichloroethane	ND		ug/kg	82	12.	1
Chloroform	ND		ug/kg	120	11.	1
Carbon tetrachloride	ND		ug/kg	82	19.	1
Tetrachloroethene	ND		ug/kg	41	16.	1
Chlorobenzene	ND		ug/kg	41	10.	1
1,2-Dichloroethane	ND		ug/kg	82	21.	1
1,1,1-Trichloroethane	ND		ug/kg	41	14.	1
Benzene	ND		ug/kg	41	14.	1
Toluene	ND		ug/kg	82	44.	1
Ethylbenzene	ND		ug/kg	82	12.	1
Vinyl chloride	ND		ug/kg	82	27.	1
1,1-Dichloroethene	ND		ug/kg	82	20.	1
trans-1,2-Dichloroethene	ND		ug/kg	120	11.	1
1,2-Dichlorobenzene	ND		ug/kg	160	12.	1
1,3-Dichlorobenzene	ND		ug/kg	160	12.	1
1,4-Dichlorobenzene	ND		ug/kg	160	14.	1
Methyl tert butyl ether	ND		ug/kg	160	16.	1
p/m-Xylene	ND		ug/kg	160	46.	1
o-Xylene	ND		ug/kg	82	24.	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	82	14.	1
Acetone	ND		ug/kg	820	390	1
2-Butanone	ND		ug/kg	820	180	1
n-Butylbenzene	ND		ug/kg	82	14.	1
sec-Butylbenzene	ND		ug/kg	82	12.	1
tert-Butylbenzene	ND		ug/kg	160	9.7	1
n-Propylbenzene	ND		ug/kg	82	14.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-10 Date Collected: 04/12/21 11:57

Client ID: B1SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	160	16.	1
1,2,4-Trimethylbenzene	ND		ug/kg	160	27.	1
1,4-Dioxane	ND		ug/kg	6600	2900	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-11
Client ID: B2SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 01:25
Analyst: MKS
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
Tetrachloroethene	ND		ug/kg	0.70	0.28	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.79	1
o-Xylene	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
Acetone	ND		ug/kg	14	6.8	1
2-Butanone	ND		ug/kg	14	3.1	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.17	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-11 Date Collected: 04/12/21 12:15

Client ID: B2SB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
1,4-Dioxane	ND		ug/kg	110	49.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	108		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-12
Client ID: B2SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:19
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/18/21 18:30
Analyst: JC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.2	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
Tetrachloroethene	0.66	J	ug/kg	0.72	0.28	1
Chlorobenzene	ND		ug/kg	0.72	0.18	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.72	0.24	1
Benzene	ND		ug/kg	0.72	0.24	1
Toluene	ND		ug/kg	1.4	0.78	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1
Trichloroethene	0.45	J	ug/kg	0.72	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.80	1
o-Xylene	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	1.1	J	ug/kg	1.4	0.25	1
Acetone	140		ug/kg	14	6.9	1
2-Butanone	ND		ug/kg	14	3.2	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-12 Date Collected: 04/12/21 12:19

Client ID: B2SB-1 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.48	1
1,4-Dioxane	ND		ug/kg	110	50.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	110		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-13
Client ID: B3SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 13:27
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Acetone	8.6	J	ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.4	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-13 Date Collected: 04/12/21 12:40

Client ID: B3SB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	115		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-14
Client ID: B3SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:57
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/18/21 18:55
Analyst: JC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.23	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Acetone	230		ug/kg	11	5.4	1
2-Butanone	ND		ug/kg	11	2.5	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-14 Date Collected: 04/12/21 12:57

Client ID: B3SB-1 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
1,4-Dioxane	ND		ug/kg	90	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	107		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-15
Client ID: B3SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 13:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 14:18
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.3	3.8	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.24	1
Chloroform	ND		ug/kg	2.5	0.23	1
Carbon tetrachloride	ND		ug/kg	1.6	0.38	1
Tetrachloroethene	ND		ug/kg	0.83	0.32	1
Chlorobenzene	ND		ug/kg	0.83	0.21	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.42	1
1,1,1-Trichloroethane	ND		ug/kg	0.83	0.28	1
Benzene	ND		ug/kg	0.83	0.27	1
Toluene	ND		ug/kg	1.6	0.90	1
Ethylbenzene	ND		ug/kg	1.6	0.23	1
Vinyl chloride	ND		ug/kg	1.6	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.39	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1
Trichloroethene	ND		ug/kg	0.83	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.3	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	3.3	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.3	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.33	1
p/m-Xylene	ND		ug/kg	3.3	0.93	1
o-Xylene	ND		ug/kg	1.6	0.48	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.29	1
Acetone	100		ug/kg	16	8.0	1
2-Butanone	ND		ug/kg	16	3.7	1
n-Butylbenzene	ND		ug/kg	1.6	0.28	1
sec-Butylbenzene	ND		ug/kg	1.6	0.24	1
tert-Butylbenzene	ND		ug/kg	3.3	0.20	1
n-Propylbenzene	ND		ug/kg	1.6	0.28	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-15 Date Collected: 04/12/21 13:30

Client ID: B3SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	3.3	0.32	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.3	0.55	1
1,4-Dioxane	ND		ug/kg	130	58.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	107		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-16
Client ID: B3SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 13:45
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/18/21 19:21
Analyst: JC
Percent Solids: 63%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.8	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.3	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
Tetrachloroethene	ND		ug/kg	0.78	0.30	1
Chlorobenzene	ND		ug/kg	0.78	0.20	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.40	1
1,1,1-Trichloroethane	ND		ug/kg	0.78	0.26	1
Benzene	ND		ug/kg	0.78	0.26	1
Toluene	ND		ug/kg	1.6	0.85	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Vinyl chloride	ND		ug/kg	1.6	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1
Trichloroethene	ND		ug/kg	0.78	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.1	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.1	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.31	1
p/m-Xylene	ND		ug/kg	3.1	0.87	1
o-Xylene	ND		ug/kg	1.6	0.45	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.27	1
Acetone	74		ug/kg	16	7.5	1
2-Butanone	ND		ug/kg	16	3.5	1
n-Butylbenzene	ND		ug/kg	1.6	0.26	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.1	0.18	1
n-Propylbenzene	ND		ug/kg	1.6	0.27	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-16 Date Collected: 04/12/21 13:45

Client ID: B3SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	3.1	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.1	0.52	1
1,4-Dioxane	ND		ug/kg	120	55.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-17
Client ID: OSSB-3 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 15:10
Analyst: AJK
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Acetone	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.6	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-17 Date Collected: 04/13/21 08:00

Client ID: OSSB-3 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	93	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	108		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-18
Client ID: OSSB-3 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:05
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 15:35
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Acetone	10	J	ug/kg	12	5.8	1
2-Butanone	ND		ug/kg	12	2.7	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-18 Date Collected: 04/13/21 08:05

Client ID: OSSB-3 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	110		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-19
Client ID: OSSB-4 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 13:25
Analyst: AJK
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.6	3.5	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.3	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
Tetrachloroethene	ND		ug/kg	0.76	0.30	1
Chlorobenzene	ND		ug/kg	0.76	0.19	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.39	1
1,1,1-Trichloroethane	ND		ug/kg	0.76	0.25	1
Benzene	ND		ug/kg	0.76	0.25	1
Toluene	ND		ug/kg	1.5	0.82	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Vinyl chloride	ND		ug/kg	1.5	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1
Trichloroethene	ND		ug/kg	0.76	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.85	1
o-Xylene	ND		ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.27	1
Acetone	ND		ug/kg	15	7.3	1
2-Butanone	ND		ug/kg	15	3.4	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
n-Propylbenzene	ND		ug/kg	1.5	0.26	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-19 Date Collected: 04/13/21 08:40

Client ID: OSSB-4 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.51	1
1,4-Dioxane	ND		ug/kg	120	53.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	105		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-20
Client ID: OSSB-4 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:50
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 13:50
Analyst: AJK
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
Tetrachloroethene	ND		ug/kg	0.70	0.28	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.24	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.79	1
o-Xylene	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
Acetone	87		ug/kg	14	6.8	1
2-Butanone	ND		ug/kg	14	3.1	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.17	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-20 Date Collected: 04/13/21 08:50

Client ID: OSSB-4 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
1,4-Dioxane	ND		ug/kg	110	49.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	127		70-130
Dibromofluoromethane	105		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-21
Client ID: B4SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 14:15
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Acetone	17		ug/kg	10	4.9	1
2-Butanone	ND		ug/kg	10	2.2	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
n-Propylbenzene	ND		ug/kg	1.0	0.17	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-21 Date Collected: 04/13/21 10:00

Client ID: B4SB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	125		70-130
Dibromofluoromethane	103		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-22
Client ID: B4SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 14:40
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.7	4.0	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.25	1
Chloroform	ND		ug/kg	2.6	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.40	1
Tetrachloroethene	ND		ug/kg	0.87	0.34	1
Chlorobenzene	ND		ug/kg	0.87	0.22	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.45	1
1,1,1-Trichloroethane	ND		ug/kg	0.87	0.29	1
Benzene	ND		ug/kg	0.87	0.29	1
Toluene	ND		ug/kg	1.7	0.95	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Vinyl chloride	ND		ug/kg	1.7	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.41	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.24	1
Trichloroethene	ND		ug/kg	0.87	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.5	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	3.5	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	3.5	0.30	1
Methyl tert butyl ether	ND		ug/kg	3.5	0.35	1
p/m-Xylene	ND		ug/kg	3.5	0.98	1
o-Xylene	ND		ug/kg	1.7	0.51	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.30	1
Acetone	140		ug/kg	17	8.4	1
2-Butanone	ND		ug/kg	17	3.9	1
n-Butylbenzene	ND		ug/kg	1.7	0.29	1
sec-Butylbenzene	ND		ug/kg	1.7	0.25	1
tert-Butylbenzene	ND		ug/kg	3.5	0.20	1
n-Propylbenzene	ND		ug/kg	1.7	0.30	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-22 Date Collected: 04/13/21 10:15

Client ID: B4SB-1 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	3.5	0.34	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.5	0.58	1
1,4-Dioxane	ND		ug/kg	140	61.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	103		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-23
Client ID: B5SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 15:05
Analyst: AJK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.3	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
Tetrachloroethene	ND		ug/kg	0.73	0.29	1
Chlorobenzene	ND		ug/kg	0.73	0.18	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.73	0.24	1
Benzene	ND		ug/kg	0.73	0.24	1
Toluene	ND		ug/kg	1.5	0.79	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Vinyl chloride	ND		ug/kg	1.5	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1
Trichloroethene	ND		ug/kg	0.73	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.82	1
o-Xylene	ND		ug/kg	1.5	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
Acetone	38		ug/kg	15	7.0	1
2-Butanone	ND		ug/kg	15	3.2	1
n-Butylbenzene	ND		ug/kg	1.5	0.24	1
sec-Butylbenzene	ND		ug/kg	1.5	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
n-Propylbenzene	ND		ug/kg	1.5	0.25	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-23 Date Collected: 04/13/21 10:40

Client ID: B5SB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	0.51	J	ug/kg	2.9	0.49	1
1,4-Dioxane	ND		ug/kg	120	51.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	105		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-24
Client ID: B5SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:50
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 15:30
Analyst: AJK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.4	3.8	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.24	1
Chloroform	ND		ug/kg	2.5	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.39	1
Tetrachloroethene	ND		ug/kg	0.84	0.33	1
Chlorobenzene	ND		ug/kg	0.84	0.21	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.43	1
1,1,1-Trichloroethane	ND		ug/kg	0.84	0.28	1
Benzene	ND		ug/kg	0.84	0.28	1
Toluene	ND		ug/kg	1.7	0.91	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Vinyl chloride	ND		ug/kg	1.7	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1
Trichloroethene	ND		ug/kg	0.84	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	0.29	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.34	1
p/m-Xylene	ND		ug/kg	3.4	0.94	1
o-Xylene	ND		ug/kg	1.7	0.49	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.29	1
Acetone	17		ug/kg	17	8.1	1
2-Butanone	ND		ug/kg	17	3.7	1
n-Butylbenzene	ND		ug/kg	1.7	0.28	1
sec-Butylbenzene	ND		ug/kg	1.7	0.24	1
tert-Butylbenzene	ND		ug/kg	3.4	0.20	1
n-Propylbenzene	ND		ug/kg	1.7	0.29	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-24 Date Collected: 04/13/21 10:50

Client ID: B5SB-1 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	3.4	0.32	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.4	0.56	1
1,4-Dioxane	ND		ug/kg	130	59.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	107		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-25
Client ID: B4SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 11:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 15:55
Analyst: AJK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
Tetrachloroethene	ND		ug/kg	0.63	0.24	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Acetone	27		ug/kg	12	6.0	1
2-Butanone	ND		ug/kg	12	2.8	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-25 Date Collected: 04/13/21 11:00

Client ID: B4SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	102		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-26
Client ID: B4SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 11:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/19/21 13:22
Analyst: JC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.9	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
Tetrachloroethene	ND		ug/kg	0.69	0.27	1
Chlorobenzene	ND		ug/kg	0.69	0.17	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.69	0.23	1
Benzene	ND		ug/kg	0.69	0.23	1
Toluene	ND		ug/kg	1.4	0.75	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.69	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.28	1
p/m-Xylene	ND		ug/kg	2.7	0.77	1
o-Xylene	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Acetone	160		ug/kg	14	6.6	1
2-Butanone	ND		ug/kg	14	3.0	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
n-Propylbenzene	ND		ug/kg	1.4	0.23	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-26 Date Collected: 04/13/21 11:30

Client ID: B4SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.46	1
1,4-Dioxane	ND		ug/kg	110	48.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	110		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-27
Client ID: B5SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 16:44
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.2	3.8	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.24	1
Chloroform	ND		ug/kg	2.5	0.23	1
Carbon tetrachloride	ND		ug/kg	1.6	0.38	1
Tetrachloroethene	ND		ug/kg	0.82	0.32	1
Chlorobenzene	ND		ug/kg	0.82	0.21	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.42	1
1,1,1-Trichloroethane	ND		ug/kg	0.82	0.28	1
Benzene	ND		ug/kg	0.82	0.27	1
Toluene	ND		ug/kg	1.6	0.90	1
Ethylbenzene	ND		ug/kg	1.6	0.23	1
Vinyl chloride	ND		ug/kg	1.6	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.39	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.22	1
Trichloroethene	ND		ug/kg	0.82	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.3	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	3.3	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.3	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.33	1
p/m-Xylene	ND		ug/kg	3.3	0.92	1
o-Xylene	ND		ug/kg	1.6	0.48	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.29	1
Acetone	8.7	J	ug/kg	16	7.9	1
2-Butanone	ND		ug/kg	16	3.6	1
n-Butylbenzene	ND		ug/kg	1.6	0.28	1
sec-Butylbenzene	ND		ug/kg	1.6	0.24	1
tert-Butylbenzene	ND		ug/kg	3.3	0.19	1
n-Propylbenzene	ND		ug/kg	1.6	0.28	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-27 Date Collected: 04/13/21 12:00

Client ID: B5SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	3.3	0.32	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.3	0.55	1
1,4-Dioxane	ND		ug/kg	130	58.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	126		70-130
Dibromofluoromethane	105		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-28
Client ID: B5SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/19/21 11:39
Analyst: JC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Acetone	280		ug/kg	12	5.8	1
2-Butanone	ND		ug/kg	12	2.7	1
n-Butylbenzene	0.49	J	ug/kg	1.2	0.20	1
sec-Butylbenzene	1.2		ug/kg	1.2	0.18	1
tert-Butylbenzene	0.17	J	ug/kg	2.4	0.14	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-28 Date Collected: 04/13/21 12:15

Client ID: B5SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	1.2	J	ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	1.6	J	ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	110		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-29
Client ID: OSSB-6 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/17/21 17:09
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
Tetrachloroethene	ND		ug/kg	0.70	0.28	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.24	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.77	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.79	1
o-Xylene	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
Acetone	ND		ug/kg	14	6.8	1
2-Butanone	ND		ug/kg	14	3.1	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.17	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-29 Date Collected: 04/13/21 12:40

Client ID: OSSB-6 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
1,4-Dioxane	ND		ug/kg	110	50.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	126		70-130
Dibromofluoromethane	105		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-30
Client ID: OSSB-6 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:49
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/19/21 13:48
Analyst: JC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
Tetrachloroethene	ND		ug/kg	0.68	0.26	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Benzene	ND		ug/kg	0.68	0.22	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Vinyl chloride	ND		ug/kg	1.4	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1
Trichloroethene	ND		ug/kg	0.68	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Acetone	ND		ug/kg	14	6.5	1
2-Butanone	ND		ug/kg	14	3.0	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
n-Propylbenzene	ND		ug/kg	1.4	0.23	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-30 Date Collected: 04/13/21 12:49

Client ID: OSSB-6 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	48.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	109		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-31
Client ID: OSSB-5 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 13:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/19/21 14:14
Analyst: JC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
Acetone	ND		ug/kg	9.4	4.5	1
2-Butanone	ND		ug/kg	9.4	2.1	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
n-Propylbenzene	ND		ug/kg	0.94	0.16	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-31 Date Collected: 04/13/21 13:00

Client ID: OSSB-5 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	109		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-32
Client ID: OSSB-5 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 13:10
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/19/21 14:39
Analyst: JC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Acetone	20		ug/kg	11	5.5	1
2-Butanone	ND		ug/kg	11	2.5	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-32 Date Collected: 04/13/21 13:10

Client ID: OSSB-5 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	91	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	109		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-33
Client ID: B6SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/19/21 15:05
Analyst: JC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Acetone	8.5	J	ug/kg	12	5.9	1
2-Butanone	ND		ug/kg	12	2.7	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-33 Date Collected: 04/14/21 07:00

Client ID: B6SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	110		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-34
Client ID: B6SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/19/21 22:00
Analyst: JC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
Tetrachloroethene	0.69		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Acetone	39		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.6	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-34 Date Collected: 04/14/21 07:15

Client ID: B6SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	124		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	104		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-35
Client ID: OSSB-7 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:21
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/20/21 08:08
Analyst: MV
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.5	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
Tetrachloroethene	0.92		ug/kg	0.75	0.29	1
Chlorobenzene	ND		ug/kg	0.75	0.19	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.75	0.25	1
Benzene	ND		ug/kg	0.75	0.25	1
Toluene	ND		ug/kg	1.5	0.81	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1
Trichloroethene	15		ug/kg	0.75	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.84	1
o-Xylene	0.52	J	ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	1.8		ug/kg	1.5	0.26	1
Acetone	38		ug/kg	15	7.2	1
2-Butanone	ND		ug/kg	15	3.3	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
n-Propylbenzene	ND		ug/kg	1.5	0.26	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-35 Date Collected: 04/14/21 07:21

Client ID: OSSB-7 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.50	1
1,4-Dioxane	ND		ug/kg	120	53.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	121		70-130
4-Bromofluorobenzene	125		70-130
Dibromofluoromethane	102		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-36
Client ID: OSSB-7 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:27
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/20/21 08:33
Analyst: MV
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
Tetrachloroethene	0.85		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	6.7		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	0.41	J	ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	1.1	J	ug/kg	1.2	0.21	1
Acetone	28		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.6	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-36 Date Collected: 04/14/21 07:27

Client ID: OSSB-7 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	105		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-37
Client ID: B6SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 08:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/18/21 21:31
Analyst: JC
Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	10	4.6	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.29	1
Chloroform	ND		ug/kg	3.0	0.28	1
Carbon tetrachloride	ND		ug/kg	2.0	0.46	1
Tetrachloroethene	ND		ug/kg	1.0	0.40	1
Chlorobenzene	ND		ug/kg	1.0	0.26	1
1,2-Dichloroethane	ND		ug/kg	2.0	0.52	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.34	1
Benzene	ND		ug/kg	1.0	0.33	1
Toluene	ND		ug/kg	2.0	1.1	1
Ethylbenzene	ND		ug/kg	2.0	0.28	1
Vinyl chloride	ND		ug/kg	2.0	0.68	1
1,1-Dichloroethene	ND		ug/kg	2.0	0.48	1
trans-1,2-Dichloroethene	ND		ug/kg	3.0	0.28	1
Trichloroethene	ND		ug/kg	1.0	0.28	1
1,2-Dichlorobenzene	ND		ug/kg	4.0	0.29	1
1,3-Dichlorobenzene	ND		ug/kg	4.0	0.30	1
1,4-Dichlorobenzene	ND		ug/kg	4.0	0.34	1
Methyl tert butyl ether	ND		ug/kg	4.0	0.40	1
p/m-Xylene	ND		ug/kg	4.0	1.1	1
o-Xylene	ND		ug/kg	2.0	0.59	1
cis-1,2-Dichloroethene	ND		ug/kg	2.0	0.35	1
Acetone	36		ug/kg	20	9.7	1
2-Butanone	ND		ug/kg	20	4.5	1
n-Butylbenzene	ND		ug/kg	2.0	0.34	1
sec-Butylbenzene	ND		ug/kg	2.0	0.29	1
tert-Butylbenzene	ND		ug/kg	4.0	0.24	1
n-Propylbenzene	ND		ug/kg	2.0	0.34	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-37 Date Collected: 04/14/21 08:30

Client ID: B6SB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	4.0	0.39	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.0	0.67	1
1,4-Dioxane	ND		ug/kg	160	71.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	109		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-38
Client ID: B6SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 08:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 04/18/21 21:57
Analyst: JC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	3.3	1.5	1
1,1-Dichloroethane	ND		ug/kg	0.67	0.10	1
Chloroform	ND		ug/kg	1.0	0.09	1
Carbon tetrachloride	ND		ug/kg	0.67	0.15	1
Tetrachloroethene	0.87		ug/kg	0.33	0.13	1
Chlorobenzene	ND		ug/kg	0.33	0.09	1
1,2-Dichloroethane	ND		ug/kg	0.67	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	0.33	0.11	1
Benzene	ND		ug/kg	0.33	0.11	1
Toluene	ND		ug/kg	0.67	0.36	1
Ethylbenzene	ND		ug/kg	0.67	0.09	1
Vinyl chloride	ND		ug/kg	0.67	0.22	1
1,1-Dichloroethene	ND		ug/kg	0.67	0.16	1
trans-1,2-Dichloroethene	ND		ug/kg	1.0	0.09	1
Trichloroethene	ND		ug/kg	0.33	0.09	1
1,2-Dichlorobenzene	ND		ug/kg	1.3	0.10	1
1,3-Dichlorobenzene	ND		ug/kg	1.3	0.10	1
1,4-Dichlorobenzene	ND		ug/kg	1.3	0.11	1
Methyl tert butyl ether	ND		ug/kg	1.3	0.13	1
p/m-Xylene	ND		ug/kg	1.3	0.37	1
o-Xylene	ND		ug/kg	0.67	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	0.67	0.12	1
Acetone	21		ug/kg	6.7	3.2	1
2-Butanone	ND		ug/kg	6.7	1.5	1
n-Butylbenzene	ND		ug/kg	0.67	0.11	1
sec-Butylbenzene	ND		ug/kg	0.67	0.10	1
tert-Butylbenzene	ND		ug/kg	1.3	0.08	1
n-Propylbenzene	ND		ug/kg	0.67	0.11	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-38 Date Collected: 04/14/21 08:40

Client ID: B6SB-1 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	1.3	0.13	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.3	0.22	1
1,4-Dioxane	ND		ug/kg	53	23.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	108		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/17/21 09:34
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09-10,13,15,17-18 Batch: WG1487525-10					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Vinyl chloride	ND		ug/kg	1.0	0.34
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Acetone	ND		ug/kg	10	4.8
2-Butanone	ND		ug/kg	10	2.2
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/17/21 09:34
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09-10,13,15,17-18 Batch: WG1487525-10					
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	105		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/16/21 17:51
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,05-08,11 Batch: WG1487525-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Vinyl chloride	ND		ug/kg	1.0	0.34
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Acetone	ND		ug/kg	10	4.8
2-Butanone	ND		ug/kg	10	2.2
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/16/21 17:51
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,05-08,11 Batch: WG1487525-5					
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	104		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/18/21 17:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 12,14,16,37-38 Batch: WG1487818-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Vinyl chloride	ND		ug/kg	1.0	0.34
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Acetone	ND		ug/kg	10	4.8
2-Butanone	ND		ug/kg	10	2.2
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/18/21 17:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 12,14,16,37-38 Batch: WG1487818-5					
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	107		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/17/21 12:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 19-25,27,29 Batch: WG1487911-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Vinyl chloride	ND		ug/kg	1.0	0.34
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Acetone	ND		ug/kg	10	4.8
2-Butanone	ND		ug/kg	10	2.2
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/17/21 12:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 19-25,27,29 Batch: WG1487911-5					
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	103		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/19/21 17:45
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 34 Batch: WG1488395-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.20	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	1.1		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Vinyl chloride	ND		ug/kg	1.0	0.34
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Acetone	ND		ug/kg	10	4.8
2-Butanone	ND		ug/kg	10	2.2
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/19/21 17:45
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 34 Batch: WG1488395-5					
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	102		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/19/21 07:21
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,26,28,30-33 Batch: WG1488406-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Vinyl chloride	ND		ug/kg	1.0	0.34
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	0.21	J	ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Acetone	ND		ug/kg	10	4.8
2-Butanone	ND		ug/kg	10	2.2
n-Butylbenzene	0.18	J	ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	0.12	J	ug/kg	2.0	0.12
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/19/21 07:21
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,26,28,30-33 Batch: WG1488406-5					
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	108		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/19/21 07:21
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03,10 Batch: WG1488409-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Vinyl chloride	ND		ug/kg	50	17.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	11	J	ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Acetone	ND		ug/kg	500	240
2-Butanone	ND		ug/kg	500	110
n-Butylbenzene	8.8	J	ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	6.2	J	ug/kg	100	5.9
n-Propylbenzene	ND		ug/kg	50	8.6
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/19/21 07:21
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03,10 Batch: WG1488409-5					
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	108		70-130

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/20/21 06:52
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 35-36 Batch: WG1488466-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.14	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	0.55	J	ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Vinyl chloride	ND		ug/kg	1.0	0.34
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Acetone	ND		ug/kg	10	4.8
2-Butanone	ND		ug/kg	10	2.2
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/20/21 06:52
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 35-36 Batch: WG1488466-5					
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,05-08,11 Batch: WG1487525-3 WG1487525-4								
Methylene chloride	96		95		70-130	1		30
1,1-Dichloroethane	106		105		70-130	1		30
Chloroform	114		114		70-130	0		30
Carbon tetrachloride	122		122		70-130	0		30
Tetrachloroethene	105		101		70-130	4		30
Chlorobenzene	98		95		70-130	3		30
1,2-Dichloroethane	106		107		70-130	1		30
1,1,1-Trichloroethane	126		125		70-130	1		30
Benzene	104		103		70-130	1		30
Toluene	95		92		70-130	3		30
Ethylbenzene	97		94		70-130	3		30
Vinyl chloride	94		90		67-130	4		30
1,1-Dichloroethene	118		117		65-135	1		30
trans-1,2-Dichloroethene	110		109		70-130	1		30
Trichloroethene	113		113		70-130	0		30
1,2-Dichlorobenzene	96		95		70-130	1		30
1,3-Dichlorobenzene	97		94		70-130	3		30
1,4-Dichlorobenzene	96		95		70-130	1		30
Methyl tert butyl ether	108		108		66-130	0		30
p/m-Xylene	101		97		70-130	4		30
o-Xylene	100		96		70-130	4		30
cis-1,2-Dichloroethene	114		114		70-130	0		30
Acetone	80		79		54-140	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,05-08,11 Batch: WG1487525-3 WG1487525-4								
2-Butanone	74		73		70-130	1		30
n-Butylbenzene	98		94		70-130	4		30
sec-Butylbenzene	85		83		70-130	2		30
tert-Butylbenzene	99		96		70-130	3		30
n-Propylbenzene	95		92		70-130	3		30
1,3,5-Trimethylbenzene	97		95		70-130	2		30
1,2,4-Trimethylbenzene	99		97		70-130	2		30
1,4-Dioxane	102		101		65-136	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	92		91		70-130
4-Bromofluorobenzene	97		98		70-130
Dibromofluoromethane	104		107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09-10,13,15,17-18 Batch: WG1487525-8 WG1487525-9								
Methylene chloride	89		85		70-130	5		30
1,1-Dichloroethane	105		99		70-130	6		30
Chloroform	111		105		70-130	6		30
Carbon tetrachloride	127		116		70-130	9		30
Tetrachloroethene	98		91		70-130	7		30
Chlorobenzene	89		86		70-130	3		30
1,2-Dichloroethane	111		106		70-130	5		30
1,1,1-Trichloroethane	127		119		70-130	7		30
Benzene	98		93		70-130	5		30
Toluene	86		83		70-130	4		30
Ethylbenzene	91		86		70-130	6		30
Vinyl chloride	98		89		67-130	10		30
1,1-Dichloroethene	112		106		65-135	6		30
trans-1,2-Dichloroethene	104		97		70-130	7		30
Trichloroethene	108		103		70-130	5		30
1,2-Dichlorobenzene	88		84		70-130	5		30
1,3-Dichlorobenzene	89		84		70-130	6		30
1,4-Dichlorobenzene	89		85		70-130	5		30
Methyl tert butyl ether	102		100		66-130	2		30
p/m-Xylene	94		88		70-130	7		30
o-Xylene	92		88		70-130	4		30
cis-1,2-Dichloroethene	106		100		70-130	6		30
Acetone	85		83		54-140	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09-10,13,15,17-18 Batch: WG1487525-8 WG1487525-9								
2-Butanone	72		91		70-130	23		30
n-Butylbenzene	92		85		70-130	8		30
sec-Butylbenzene	79		74		70-130	7		30
tert-Butylbenzene	91		88		70-130	3		30
n-Propylbenzene	88		83		70-130	6		30
1,3,5-Trimethylbenzene	90		85		70-130	6		30
1,2,4-Trimethylbenzene	92		87		70-130	6		30
1,4-Dioxane	106		104		65-136	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		109		70-130
Toluene-d8	92		91		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	108		108		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 12,14,16,37-38 Batch: WG1487818-3 WG1487818-4								
Methylene chloride	84		82		70-130	2		30
1,1-Dichloroethane	98		97		70-130	1		30
Chloroform	106		100		70-130	6		30
Carbon tetrachloride	121		118		70-130	3		30
Tetrachloroethene	101		102		70-130	1		30
Chlorobenzene	94		94		70-130	0		30
1,2-Dichloroethane	107		105		70-130	2		30
1,1,1-Trichloroethane	119		116		70-130	3		30
Benzene	90		90		70-130	0		30
Toluene	90		89		70-130	1		30
Ethylbenzene	94		94		70-130	0		30
Vinyl chloride	87		86		67-130	1		30
1,1-Dichloroethene	102		101		65-135	1		30
trans-1,2-Dichloroethene	96		95		70-130	1		30
Trichloroethene	101		101		70-130	0		30
1,2-Dichlorobenzene	93		96		70-130	3		30
1,3-Dichlorobenzene	93		95		70-130	2		30
1,4-Dichlorobenzene	93		95		70-130	2		30
Methyl tert butyl ether	96		95		66-130	1		30
p/m-Xylene	97		96		70-130	1		30
o-Xylene	95		95		70-130	0		30
cis-1,2-Dichloroethene	98		96		70-130	2		30
Acetone	78		76		54-140	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119400

Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 12,14,16,37-38 Batch: WG1487818-3 WG1487818-4								
2-Butanone	71		**67**	Q	70-130	6		30
n-Butylbenzene	95		96		70-130	1		30
sec-Butylbenzene	83		84		70-130	1		30
tert-Butylbenzene	97		98		70-130	1		30
n-Propylbenzene	92		93		70-130	1		30
1,3,5-Trimethylbenzene	95		94		70-130	1		30
1,2,4-Trimethylbenzene	96		98		70-130	2		30
1,4-Dioxane	88		84		65-136	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	118		115		70-130
Toluene-d8	98		100		70-130
4-Bromofluorobenzene	96		98		70-130
Dibromofluoromethane	107		108		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 19-25,27,29 Batch: WG1487911-3 WG1487911-4								
Methylene chloride	86		86		70-130	0		30
1,1-Dichloroethane	100		99		70-130	1		30
Chloroform	93		91		70-130	2		30
Carbon tetrachloride	91		91		70-130	0		30
Tetrachloroethene	93		93		70-130	0		30
Chlorobenzene	99		99		70-130	0		30
1,2-Dichloroethane	92		92		70-130	0		30
1,1,1-Trichloroethane	98		98		70-130	0		30
Benzene	90		90		70-130	0		30
Toluene	101		100		70-130	1		30
Ethylbenzene	102		101		70-130	1		30
Vinyl chloride	71		73		67-130	3		30
1,1-Dichloroethene	91		91		65-135	0		30
trans-1,2-Dichloroethene	88		88		70-130	0		30
Trichloroethene	93		93		70-130	0		30
1,2-Dichlorobenzene	99		100		70-130	1		30
1,3-Dichlorobenzene	103		103		70-130	0		30
1,4-Dichlorobenzene	103		103		70-130	0		30
Methyl tert butyl ether	80		81		66-130	1		30
p/m-Xylene	99		99		70-130	0		30
o-Xylene	96		96		70-130	0		30
cis-1,2-Dichloroethene	91		92		70-130	1		30
Acetone	90		92		54-140	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 19-25,27,29 Batch: WG1487911-3 WG1487911-4								
2-Butanone	79		83		70-130	5		30
n-Butylbenzene	120		121		70-130	1		30
sec-Butylbenzene	100		100		70-130	0		30
tert-Butylbenzene	110		110		70-130	0		30
n-Propylbenzene	113		113		70-130	0		30
1,3,5-Trimethylbenzene	110		110		70-130	0		30
1,2,4-Trimethylbenzene	111		111		70-130	0		30
1,4-Dioxane	77		87		65-136	12		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		101		70-130
Toluene-d8	113		114		70-130
4-Bromofluorobenzene	118		116		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119400

Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 34 Batch: WG1488395-3 WG1488395-4								
Methylene chloride	86		82		70-130	5		30
1,1-Dichloroethane	98		94		70-130	4		30
Chloroform	90		86		70-130	5		30
Carbon tetrachloride	96		92		70-130	4		30
Tetrachloroethene	113		105		70-130	7		30
Chlorobenzene	104		102		70-130	2		30
1,2-Dichloroethane	88		89		70-130	1		30
1,1,1-Trichloroethane	102		97		70-130	5		30
Benzene	88		85		70-130	3		30
Toluene	109		102		70-130	7		30
Ethylbenzene	107		102		70-130	5		30
Vinyl chloride	83		82		67-130	1		30
1,1-Dichloroethene	96		92		65-135	4		30
trans-1,2-Dichloroethene	90		86		70-130	5		30
Trichloroethene	95		91		70-130	4		30
1,2-Dichlorobenzene	106		102		70-130	4		30
1,3-Dichlorobenzene	109		105		70-130	4		30
1,4-Dichlorobenzene	109		103		70-130	6		30
Methyl tert butyl ether	77		78		66-130	1		30
p/m-Xylene	106		102		70-130	4		30
o-Xylene	102		98		70-130	4		30
cis-1,2-Dichloroethene	92		89		70-130	3		30
Acetone	92		85		54-140	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 34 Batch: WG1488395-3 WG1488395-4								
2-Butanone	80		82		70-130	2		30
n-Butylbenzene	127		120		70-130	6		30
sec-Butylbenzene	108		101		70-130	7		30
tert-Butylbenzene	117		110		70-130	6		30
n-Propylbenzene	119		112		70-130	6		30
1,3,5-Trimethylbenzene	115		109		70-130	5		30
1,2,4-Trimethylbenzene	115		109		70-130	5		30
1,4-Dioxane	81		83		65-136	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		100		70-130
Toluene-d8	118		116		70-130
4-Bromofluorobenzene	123		112		70-130
Dibromofluoromethane	100		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,26,28,30-33 Batch: WG1488406-3 WG1488406-4								
Methylene chloride	78		74		70-130	5		30
1,1-Dichloroethane	93		87		70-130	7		30
Chloroform	98		92		70-130	6		30
Carbon tetrachloride	105		100		70-130	5		30
Tetrachloroethene	94		87		70-130	8		30
Chlorobenzene	89		82		70-130	8		30
1,2-Dichloroethane	100		94		70-130	6		30
1,1,1-Trichloroethane	107		101		70-130	6		30
Benzene	86		80		70-130	7		30
Toluene	85		79		70-130	7		30
Ethylbenzene	88		82		70-130	7		30
Vinyl chloride	79		70		67-130	12		30
1,1-Dichloroethene	93		87		65-135	7		30
trans-1,2-Dichloroethene	89		84		70-130	6		30
Trichloroethene	94		87		70-130	8		30
1,2-Dichlorobenzene	92		85		70-130	8		30
1,3-Dichlorobenzene	92		85		70-130	8		30
1,4-Dichlorobenzene	91		86		70-130	6		30
Methyl tert butyl ether	91		85		66-130	7		30
p/m-Xylene	92		86		70-130	7		30
o-Xylene	90		85		70-130	6		30
cis-1,2-Dichloroethene	93		88		70-130	6		30
Acetone	70		65		54-140	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,26,28,30-33 Batch: WG1488406-3 WG1488406-4								
2-Butanone	**67**	Q	**63**	Q	70-130	6		30
n-Butylbenzene	91		83		70-130	9		30
sec-Butylbenzene	78		73		70-130	7		30
tert-Butylbenzene	92		85		70-130	8		30
n-Propylbenzene	88		81		70-130	8		30
1,3,5-Trimethylbenzene	91		84		70-130	8		30
1,2,4-Trimethylbenzene	93		87		70-130	7		30
1,4-Dioxane	88		87		65-136	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	116		115		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	109		109		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03,10 Batch: WG1488409-3 WG1488409-4								
Methylene chloride	78		74		70-130	5		30
1,1-Dichloroethane	93		87		70-130	7		30
Chloroform	98		92		70-130	6		30
Carbon tetrachloride	105		100		70-130	5		30
Tetrachloroethene	94		87		70-130	8		30
Chlorobenzene	89		82		70-130	8		30
1,2-Dichloroethane	100		94		70-130	6		30
1,1,1-Trichloroethane	107		101		70-130	6		30
Benzene	86		80		70-130	7		30
Toluene	85		79		70-130	7		30
Ethylbenzene	88		82		70-130	7		30
Vinyl chloride	79		70		67-130	12		30
1,1-Dichloroethene	93		87		65-135	7		30
trans-1,2-Dichloroethene	89		84		70-130	6		30
1,2-Dichlorobenzene	92		85		70-130	8		30
1,3-Dichlorobenzene	92		85		70-130	8		30
1,4-Dichlorobenzene	91		86		70-130	6		30
Methyl tert butyl ether	91		85		66-130	7		30
p/m-Xylene	92		86		70-130	7		30
o-Xylene	90		85		70-130	6		30
cis-1,2-Dichloroethene	93		88		70-130	6		30
Acetone	70		65		54-140	7		30
2-Butanone	**67**	Q	**63**	Q	70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119400

Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03,10 Batch: WG1488409-3 WG1488409-4								
n-Butylbenzene	91		83		70-130	9		30
sec-Butylbenzene	78		73		70-130	7		30
tert-Butylbenzene	92		85		70-130	8		30
n-Propylbenzene	88		81		70-130	8		30
1,3,5-Trimethylbenzene	91		84		70-130	8		30
1,2,4-Trimethylbenzene	93		87		70-130	7		30
1,4-Dioxane	88		87		65-136	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	116		115		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	109		109		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 35-36 Batch: WG1488466-3 WG1488466-4								
Methylene chloride	81		83		70-130	2		30
1,1-Dichloroethane	92		92		70-130	0		30
Chloroform	86		85		70-130	1		30
Carbon tetrachloride	87		89		70-130	2		30
Tetrachloroethene	104		104		70-130	0		30
Chlorobenzene	100		101		70-130	1		30
1,2-Dichloroethane	84		87		70-130	4		30
1,1,1-Trichloroethane	93		94		70-130	1		30
Benzene	84		84		70-130	0		30
Toluene	102		102		70-130	0		30
Ethylbenzene	101		101		70-130	0		30
Vinyl chloride	79		80		67-130	1		30
1,1-Dichloroethene	88		87		65-135	1		30
trans-1,2-Dichloroethene	84		83		70-130	1		30
Trichloroethene	87		88		70-130	1		30
1,2-Dichlorobenzene	102		103		70-130	1		30
1,3-Dichlorobenzene	106		105		70-130	1		30
1,4-Dichlorobenzene	104		104		70-130	0		30
Methyl tert butyl ether	75		78		66-130	4		30
p/m-Xylene	100		101		70-130	1		30
o-Xylene	98		99		70-130	1		30
cis-1,2-Dichloroethene	87		89		70-130	2		30
Acetone	81		86		54-140	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 35-36 Batch: WG1488466-3 WG1488466-4								
2-Butanone	72		80		70-130	11		30
n-Butylbenzene	118		117		70-130	1		30
sec-Butylbenzene	100		98		70-130	2		30
tert-Butylbenzene	110		108		70-130	2		30
n-Propylbenzene	111		109		70-130	2		30
1,3,5-Trimethylbenzene	108		107		70-130	1		30
1,2,4-Trimethylbenzene	108		108		70-130	0		30
1,4-Dioxane	90		96		65-136	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		99		70-130
Toluene-d8	117		118		70-130
4-Bromofluorobenzene	112		112		70-130
Dibromofluoromethane	98		98		70-130

SEMIVOLATILES

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-01
Client ID: B2SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 09:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 04:14
Analyst: IM
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Fluoranthene	250		ug/kg	130	25.	1
Naphthalene	100	J	ug/kg	210	26.	1
Benzo(a)anthracene	120	J	ug/kg	130	24.	1
Benzo(a)pyrene	86	J	ug/kg	170	52.	1
Benzo(b)fluoranthene	110	J	ug/kg	130	36.	1
Benzo(k)fluoranthene	49	J	ug/kg	130	34.	1
Chrysene	130		ug/kg	130	22.	1
Acenaphthylene	46	J	ug/kg	170	33.	1
Anthracene	64	J	ug/kg	130	42.	1
Benzo(ghi)perylene	56	J	ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	21.	1
Phenanthrene	440		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	44	J	ug/kg	170	30.	1
Pyrene	250		ug/kg	130	21.	1
Dibenzofuran	34	J	ug/kg	210	20.	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	34	J	ug/kg	310	34.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-01 Date Collected: 04/12/21 09:00

Client ID: B2SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	73		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-02
Client ID: B2SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 09:10
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 08:36
Analyst: IM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Fluoranthene	2000		ug/kg	110	22.	1
Naphthalene	150	J	ug/kg	190	23.	1
Benzo(a)anthracene	1200		ug/kg	110	21.	1
Benzo(a)pyrene	1200		ug/kg	150	46.	1
Benzo(b)fluoranthene	1600		ug/kg	110	32.	1
Benzo(k)fluoranthene	510		ug/kg	110	30.	1
Chrysene	1200		ug/kg	110	20.	1
Acenaphthylene	750		ug/kg	150	29.	1
Anthracene	560		ug/kg	110	37.	1
Benzo(ghi)perylene	610		ug/kg	150	22.	1
Fluorene	140	J	ug/kg	190	18.	1
Phenanthrene	1000		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	610		ug/kg	150	26.	1
Pyrene	1900		ug/kg	110	19.	1
Dibenzofuran	58	J	ug/kg	190	18.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-02 Date Collected: 04/12/21 09:10

Client ID: B2SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	53		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-03
Client ID: B1SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 09:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 02:02
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	46	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Fluoranthene	900		ug/kg	110	21.	1
Naphthalene	30	J	ug/kg	180	22.	1
Benzo(a)anthracene	480		ug/kg	110	21.	1
Benzo(a)pyrene	470		ug/kg	150	45.	1
Benzo(b)fluoranthene	620		ug/kg	110	31.	1
Benzo(k)fluoranthene	230		ug/kg	110	29.	1
Chrysene	490		ug/kg	110	19.	1
Acenaphthylene	47	J	ug/kg	150	28.	1
Anthracene	110		ug/kg	110	36.	1
Benzo(ghi)perylene	310		ug/kg	150	22.	1
Fluorene	49	J	ug/kg	180	18.	1
Phenanthrene	540		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	74	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	320		ug/kg	150	26.	1
Pyrene	830		ug/kg	110	18.	1
Dibenzofuran	24	J	ug/kg	180	17.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-03 Date Collected: 04/12/21 09:40

Client ID: B1SB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	113		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	81		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-04
Client ID: B1SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 09:41
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 08:58
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	110	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Fluoranthene	1400		ug/kg	110	21.	1
Naphthalene	110	J	ug/kg	180	22.	1
Benzo(a)anthracene	670		ug/kg	110	20.	1
Benzo(a)pyrene	530		ug/kg	150	44.	1
Benzo(b)fluoranthene	790		ug/kg	110	31.	1
Benzo(k)fluoranthene	290		ug/kg	110	29.	1
Chrysene	700		ug/kg	110	19.	1
Acenaphthylene	57	J	ug/kg	150	28.	1
Anthracene	260		ug/kg	110	36.	1
Benzo(ghi)perylene	450		ug/kg	150	21.	1
Fluorene	140	J	ug/kg	180	18.	1
Phenanthrene	1100		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	82	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	360		ug/kg	150	25.	1
Pyrene	1200		ug/kg	110	18.	1
Dibenzofuran	85	J	ug/kg	180	17.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-04 Date Collected: 04/12/21 09:41

Client ID: B1SB-1 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		25-120
Phenol-d6	40		10-120
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	50		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-05
Client ID: OSSB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 10:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 07:31
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	170		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Fluoranthene	1600		ug/kg	110	21.	1
Naphthalene	64	J	ug/kg	180	23.	1
Benzo(a)anthracene	960		ug/kg	110	21.	1
Benzo(a)pyrene	870		ug/kg	150	45.	1
Benzo(b)fluoranthene	1200		ug/kg	110	31.	1
Benzo(k)fluoranthene	420		ug/kg	110	30.	1
Chrysene	870		ug/kg	110	19.	1
Acenaphthylene	85	J	ug/kg	150	29.	1
Anthracene	270		ug/kg	110	36.	1
Benzo(ghi)perylene	430		ug/kg	150	22.	1
Fluorene	110	J	ug/kg	180	18.	1
Phenanthrene	1200		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	110		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	470		ug/kg	150	26.	1
Pyrene	1400		ug/kg	110	18.	1
Dibenzofuran	84	J	ug/kg	180	18.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-05 Date Collected: 04/12/21 10:30

Client ID: OSSB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	38		10-136
4-Terphenyl-d14	73		18-120

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-06
Client ID: OSSB-2 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 10:39
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 09:20
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	560		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Fluoranthene	6400		ug/kg	110	21.	1
Naphthalene	120	J	ug/kg	180	22.	1
Benzo(a)anthracene	2900		ug/kg	110	20.	1
Benzo(a)pyrene	2300		ug/kg	140	44.	1
Benzo(b)fluoranthene	3200		ug/kg	110	30.	1
Benzo(k)fluoranthene	1200		ug/kg	110	29.	1
Chrysene	2800		ug/kg	110	19.	1
Acenaphthylene	180		ug/kg	140	28.	1
Anthracene	1300		ug/kg	110	35.	1
Benzo(ghi)perylene	980		ug/kg	140	21.	1
Fluorene	570		ug/kg	180	18.	1
Phenanthrene	5800		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	250		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1100		ug/kg	140	25.	1
Pyrene	5400		ug/kg	110	18.	1
Dibenzofuran	300		ug/kg	180	17.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-06 Date Collected: 04/12/21 10:39

Client ID: OSSB-2 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	34		10-136
4-Terphenyl-d14	66		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-07
Client ID: OSSB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 06:47
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	490		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Fluoranthene	12000	E	ug/kg	110	21.	1
Naphthalene	290		ug/kg	190	23.	1
Benzo(a)anthracene	6600		ug/kg	110	21.	1
Benzo(a)pyrene	5500		ug/kg	150	46.	1
Benzo(b)fluoranthene	8100	E	ug/kg	110	32.	1
Benzo(k)fluoranthene	2000		ug/kg	110	30.	1
Chrysene	5800		ug/kg	110	19.	1
Acenaphthylene	420		ug/kg	150	29.	1
Anthracene	3000		ug/kg	110	36.	1
Benzo(ghi)perylene	2000		ug/kg	150	22.	1
Fluorene	840		ug/kg	190	18.	1
Phenanthrene	7600	E	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	610		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	2400		ug/kg	150	26.	1
Pyrene	9900	E	ug/kg	110	19.	1
Dibenzofuran	430		ug/kg	190	18.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-07 Date Collected: 04/12/21 11:15

Client ID: OSSB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	55		18-120

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-07 D
Client ID: OSSB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 11:53
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	12000		ug/kg	560	110	5
Benzo(b)fluoranthene	7300		ug/kg	560	160	5
Phenanthrene	7200		ug/kg	560	110	5
Pyrene	10000		ug/kg	560	93.	5

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-08
Client ID: OSSB-1 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:19
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 03:30
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	240		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Fluoranthene	3500		ug/kg	110	22.	1
Naphthalene	230		ug/kg	190	23.	1
Benzo(a)anthracene	2000		ug/kg	110	21.	1
Benzo(a)pyrene	2000		ug/kg	150	46.	1
Benzo(b)fluoranthene	2600		ug/kg	110	32.	1
Benzo(k)fluoranthene	780		ug/kg	110	30.	1
Chrysene	1800		ug/kg	110	20.	1
Acenaphthylene	270		ug/kg	150	29.	1
Anthracene	850		ug/kg	110	37.	1
Benzo(ghi)perylene	1200		ug/kg	150	22.	1
Fluorene	330		ug/kg	190	18.	1
Phenanthrene	1900		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	310		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	150	26.	1
Pyrene	2900		ug/kg	110	19.	1
Dibenzofuran	260		ug/kg	190	18.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-08 Date Collected: 04/12/21 11:19

Client ID: OSSB-1 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	58		18-120

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-09
Client ID: B1SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:50
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 07:53
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	350		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Fluoranthene	2800		ug/kg	110	21.	1
Naphthalene	160	J	ug/kg	180	22.	1
Benzo(a)anthracene	1400		ug/kg	110	21.	1
Benzo(a)pyrene	1400		ug/kg	150	45.	1
Benzo(b)fluoranthene	1700		ug/kg	110	31.	1
Benzo(k)fluoranthene	660		ug/kg	110	29.	1
Chrysene	1400		ug/kg	110	19.	1
Acenaphthylene	57	J	ug/kg	150	28.	1
Anthracene	650		ug/kg	110	36.	1
Benzo(ghi)perylene	600		ug/kg	150	22.	1
Fluorene	310		ug/kg	180	18.	1
Phenanthrene	2000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	140		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	630		ug/kg	150	26.	1
Pyrene	2300		ug/kg	110	18.	1
Dibenzofuran	170	J	ug/kg	180	17.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-09 Date Collected: 04/12/21 11:50

Client ID: B1SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	68		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-10
Client ID: B1SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:57
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 00:57
Analyst: IM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	21	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Fluoranthene	310		ug/kg	120	22.	1
Naphthalene	ND		ug/kg	190	24.	1
Benzo(a)anthracene	230		ug/kg	120	22.	1
Benzo(a)pyrene	240		ug/kg	150	47.	1
Benzo(b)fluoranthene	350		ug/kg	120	32.	1
Benzo(k)fluoranthene	120		ug/kg	120	31.	1
Chrysene	230		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	59	J	ug/kg	120	38.	1
Benzo(ghi)perylene	110	J	ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	160		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	29	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	150	27.	1
Pyrene	460		ug/kg	120	19.	1
Dibenzofuran	ND		ug/kg	190	18.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-10 Date Collected: 04/12/21 11:57

Client ID: B1SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	77		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-11
Client ID: B2SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 05:41
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	320		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Fluoranthene	5400		ug/kg	110	21.	1
Naphthalene	140	J	ug/kg	180	22.	1
Benzo(a)anthracene	3000		ug/kg	110	21.	1
Benzo(a)pyrene	2900		ug/kg	150	45.	1
Benzo(b)fluoranthene	3600		ug/kg	110	31.	1
Benzo(k)fluoranthene	1300		ug/kg	110	30.	1
Chrysene	2700		ug/kg	110	19.	1
Acenaphthylene	320		ug/kg	150	29.	1
Anthracene	860		ug/kg	110	36.	1
Benzo(ghi)perylene	1500		ug/kg	150	22.	1
Fluorene	260		ug/kg	180	18.	1
Phenanthrene	3200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	390		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1700		ug/kg	150	26.	1
Pyrene	4800		ug/kg	110	18.	1
Dibenzofuran	140	J	ug/kg	180	18.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-11 Date Collected: 04/12/21 12:15

Client ID: B2SB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	72		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-12
Client ID: B2SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:19
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 04:57
Analyst: IM
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	800		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Fluoranthene	10000	E	ug/kg	120	24.	1
Naphthalene	550		ug/kg	210	25.	1
Benzo(a)anthracene	6200		ug/kg	120	23.	1
Benzo(a)pyrene	5600		ug/kg	170	51.	1
Benzo(b)fluoranthene	7300		ug/kg	120	35.	1
Benzo(k)fluoranthene	1900		ug/kg	120	33.	1
Chrysene	5100		ug/kg	120	22.	1
Acenaphthylene	200		ug/kg	170	32.	1
Anthracene	2000		ug/kg	120	40.	1
Benzo(ghi)perylene	2500		ug/kg	170	24.	1
Fluorene	790		ug/kg	210	20.	1
Phenanthrene	6200		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	720		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	2900		ug/kg	170	29.	1
Pyrene	8900	E	ug/kg	120	21.	1
Dibenzofuran	410		ug/kg	210	20.	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	46	J	ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	110	J	ug/kg	300	32.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-12 Date Collected: 04/12/21 12:19

Client ID: B2SB-1 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	111		10-136
4-Terphenyl-d14	59		18-120

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-12 D
Client ID: B2SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:19
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 12:16
Analyst: IM
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	11000		ug/kg	620	120	5
Pyrene	8800		ug/kg	620	100	5

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-13
Client ID: B3SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 04:35
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	720		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Fluoranthene	15000	E	ug/kg	120	22.	1
Naphthalene	310		ug/kg	190	23.	1
Benzo(a)anthracene	7800	E	ug/kg	120	22.	1
Benzo(a)pyrene	6200		ug/kg	150	47.	1
Benzo(b)fluoranthene	7900	E	ug/kg	120	32.	1
Benzo(k)fluoranthene	2600		ug/kg	120	31.	1
Chrysene	6800		ug/kg	120	20.	1
Acenaphthylene	1100		ug/kg	150	30.	1
Anthracene	3100		ug/kg	120	37.	1
Benzo(ghi)perylene	3100		ug/kg	150	22.	1
Fluorene	1200		ug/kg	190	19.	1
Phenanthrene	12000	E	ug/kg	120	23.	1
Dibenzo(a,h)anthracene	890		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	3600		ug/kg	150	27.	1
Pyrene	13000	E	ug/kg	120	19.	1
Dibenzofuran	570		ug/kg	190	18.	1
Pentachlorophenol	320		ug/kg	150	42.	1
Phenol	32	J	ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	43	J	ug/kg	280	30.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-13 Date Collected: 04/12/21 12:40

Client ID: B3SB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	67		18-120

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-13 D
Client ID: B3SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 12:40
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	14000		ug/kg	580	110	5
Benzo(a)anthracene	7500		ug/kg	580	110	5
Benzo(b)fluoranthene	8300		ug/kg	580	160	5
Phenanthrene	10000		ug/kg	580	120	5
Pyrene	12000		ug/kg	580	95.	5

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-14
Client ID: B3SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:57
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 02:46
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	85	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Fluoranthene	2300		ug/kg	110	21.	1
Naphthalene	71	J	ug/kg	180	22.	1
Benzo(a)anthracene	1200		ug/kg	110	20.	1
Benzo(a)pyrene	1100		ug/kg	150	45.	1
Benzo(b)fluoranthene	1400		ug/kg	110	31.	1
Benzo(k)fluoranthene	440		ug/kg	110	29.	1
Chrysene	1100		ug/kg	110	19.	1
Acenaphthylene	260		ug/kg	150	28.	1
Anthracene	330		ug/kg	110	36.	1
Benzo(ghi)perylene	840		ug/kg	150	22.	1
Fluorene	100	J	ug/kg	180	18.	1
Phenanthrene	1200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	200		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	860		ug/kg	150	25.	1
Pyrene	2100		ug/kg	110	18.	1
Dibenzofuran	47	J	ug/kg	180	17.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-14 Date Collected: 04/12/21 12:57

Client ID: B3SB-1 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	66		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-15
Client ID: B3SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 13:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 06:03
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	150		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Fluoranthene	1600		ug/kg	110	21.	1
Naphthalene	120	J	ug/kg	190	23.	1
Benzo(a)anthracene	840		ug/kg	110	21.	1
Benzo(a)pyrene	760		ug/kg	150	45.	1
Benzo(b)fluoranthene	950		ug/kg	110	31.	1
Benzo(k)fluoranthene	350		ug/kg	110	30.	1
Chrysene	770		ug/kg	110	19.	1
Acenaphthylene	84	J	ug/kg	150	29.	1
Anthracene	310		ug/kg	110	36.	1
Benzo(ghi)perylene	380		ug/kg	150	22.	1
Fluorene	130	J	ug/kg	190	18.	1
Phenanthrene	1100		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	94	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	420		ug/kg	150	26.	1
Pyrene	1400		ug/kg	110	18.	1
Dibenzofuran	64	J	ug/kg	190	18.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-15 Date Collected: 04/12/21 13:30

Client ID: B3SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	75		18-120

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-16
Client ID: B3SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 13:45
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 05:19
Analyst: IM
Percent Solids: 63%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	250		ug/kg	210	27.	1
Hexachlorobenzene	ND		ug/kg	160	29.	1
Fluoranthene	3900		ug/kg	160	30.	1
Naphthalene	150	J	ug/kg	260	32.	1
Benzo(a)anthracene	2000		ug/kg	160	29.	1
Benzo(a)pyrene	1700		ug/kg	210	64.	1
Benzo(b)fluoranthene	2200		ug/kg	160	44.	1
Benzo(k)fluoranthene	840		ug/kg	160	42.	1
Chrysene	1900		ug/kg	160	27.	1
Acenaphthylene	170	J	ug/kg	210	40.	1
Anthracene	760		ug/kg	160	51.	1
Benzo(ghi)perylene	800		ug/kg	210	31.	1
Fluorene	290		ug/kg	260	25.	1
Phenanthrene	2800		ug/kg	160	32.	1
Dibenzo(a,h)anthracene	220		ug/kg	160	30.	1
Indeno(1,2,3-cd)pyrene	890		ug/kg	210	36.	1
Pyrene	3200		ug/kg	160	26.	1
Dibenzofuran	160	J	ug/kg	260	25.	1
Pentachlorophenol	ND		ug/kg	210	57.	1
Phenol	ND		ug/kg	260	39.	1
2-Methylphenol	ND		ug/kg	260	40.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	370	41.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-16 Date Collected: 04/12/21 13:45

Client ID: B3SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	100		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	124		10-136
4-Terphenyl-d14	80		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-17
Client ID: OSSB-3 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 02:24
Analyst: IM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	55	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Fluoranthene	1300		ug/kg	100	20.	1
Naphthalene	26	J	ug/kg	180	21.	1
Benzo(a)anthracene	690		ug/kg	100	20.	1
Benzo(a)pyrene	620		ug/kg	140	43.	1
Benzo(b)fluoranthene	780		ug/kg	100	30.	1
Benzo(k)fluoranthene	250		ug/kg	100	28.	1
Chrysene	620		ug/kg	100	18.	1
Acenaphthylene	61	J	ug/kg	140	27.	1
Anthracene	180		ug/kg	100	34.	1
Benzo(ghi)perylene	380		ug/kg	140	21.	1
Fluorene	56	J	ug/kg	180	17.	1
Phenanthrene	700		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	93	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	400		ug/kg	140	24.	1
Pyrene	1200		ug/kg	100	17.	1
Dibenzofuran	26	J	ug/kg	180	17.	1
Pentachlorophenol	110	J	ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-17 Date Collected: 04/13/21 08:00

Client ID: OSSB-3 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	68		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-18
Client ID: OSSB-3 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:05
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 01:40
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	230		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Fluoranthene	2800		ug/kg	100	20.	1
Naphthalene	130	J	ug/kg	170	21.	1
Benzo(a)anthracene	1300		ug/kg	100	20.	1
Benzo(a)pyrene	1300		ug/kg	140	42.	1
Benzo(b)fluoranthene	1600		ug/kg	100	29.	1
Benzo(k)fluoranthene	600		ug/kg	100	28.	1
Chrysene	1200		ug/kg	100	18.	1
Acenaphthylene	89	J	ug/kg	140	27.	1
Anthracene	460		ug/kg	100	34.	1
Benzo(ghi)perylene	720		ug/kg	140	20.	1
Fluorene	180		ug/kg	170	17.	1
Phenanthrene	2000		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	170		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	740		ug/kg	140	24.	1
Pyrene	2400		ug/kg	100	17.	1
Dibenzofuran	100	J	ug/kg	170	16.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-18 Date Collected: 04/13/21 08:05

Client ID: OSSB-3 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	70		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-19
Client ID: OSSB-4 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 01:19
Analyst: IM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	190		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Fluoranthene	2700		ug/kg	120	23.	1
Naphthalene	150	J	ug/kg	200	24.	1
Benzo(a)anthracene	1400		ug/kg	120	23.	1
Benzo(a)pyrene	1200		ug/kg	160	49.	1
Benzo(b)fluoranthene	1700		ug/kg	120	34.	1
Benzo(k)fluoranthene	310		ug/kg	120	32.	1
Chrysene	1200		ug/kg	120	21.	1
Acenaphthylene	120	J	ug/kg	160	31.	1
Anthracene	440		ug/kg	120	39.	1
Benzo(ghi)perylene	730		ug/kg	160	24.	1
Fluorene	180	J	ug/kg	200	20.	1
Phenanthrene	1900		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	180		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	780		ug/kg	160	28.	1
Pyrene	2400		ug/kg	120	20.	1
Dibenzofuran	99	J	ug/kg	200	19.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-19 Date Collected: 04/13/21 08:40

Client ID: OSSB-4 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	101		10-120
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	76		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-20
Client ID: OSSB-4 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:50
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 03:08
Analyst: IM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	210		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Fluoranthene	3600		ug/kg	120	22.	1
Naphthalene	120	J	ug/kg	200	24.	1
Benzo(a)anthracene	1600		ug/kg	120	22.	1
Benzo(a)pyrene	1400		ug/kg	160	48.	1
Benzo(b)fluoranthene	1700		ug/kg	120	33.	1
Benzo(k)fluoranthene	600		ug/kg	120	31.	1
Chrysene	1500		ug/kg	120	20.	1
Acenaphthylene	150	J	ug/kg	160	30.	1
Anthracene	530		ug/kg	120	38.	1
Benzo(ghi)perylene	910		ug/kg	160	23.	1
Fluorene	180	J	ug/kg	200	19.	1
Phenanthrene	2400		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	210		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	940		ug/kg	160	27.	1
Pyrene	3200		ug/kg	120	20.	1
Dibenzofuran	100	J	ug/kg	200	19.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-20 Date Collected: 04/13/21 08:50

Client ID: OSSB-4 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	65		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-21 D
Client ID: B4SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 15:23
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	180	J	ug/kg	730	95.	5
Hexachlorobenzene	ND		ug/kg	550	100	5
Fluoranthene	3300		ug/kg	550	100	5
Naphthalene	ND		ug/kg	920	110	5
Benzo(a)anthracene	1800		ug/kg	550	100	5
Benzo(a)pyrene	1600		ug/kg	730	220	5
Benzo(b)fluoranthene	2000		ug/kg	550	150	5
Benzo(k)fluoranthene	740		ug/kg	550	150	5
Chrysene	1600		ug/kg	550	95.	5
Acenaphthylene	150	J	ug/kg	730	140	5
Anthracene	780		ug/kg	550	180	5
Benzo(ghi)perylene	650	J	ug/kg	730	110	5
Fluorene	310	J	ug/kg	920	89.	5
Phenanthrene	2400		ug/kg	550	110	5
Dibenzo(a,h)anthracene	160	J	ug/kg	550	100	5
Indeno(1,2,3-cd)pyrene	750		ug/kg	730	130	5
Pyrene	2600		ug/kg	550	91.	5
Dibenzofuran	150	J	ug/kg	920	87.	5
Pentachlorophenol	ND		ug/kg	730	200	5
Phenol	ND		ug/kg	920	140	5
2-Methylphenol	ND		ug/kg	920	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-21 D
Client ID: B4SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	46		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-22
Client ID: B4SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 09:22
Analyst: SZ
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	52	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Fluoranthene	1400		ug/kg	110	21.	1
Naphthalene	45	J	ug/kg	180	22.	1
Benzo(a)anthracene	760		ug/kg	110	20.	1
Benzo(a)pyrene	720		ug/kg	150	45.	1
Benzo(b)fluoranthene	1100		ug/kg	110	31.	1
Benzo(k)fluoranthene	370		ug/kg	110	29.	1
Chrysene	830		ug/kg	110	19.	1
Acenaphthylene	130	J	ug/kg	150	28.	1
Anthracene	220		ug/kg	110	36.	1
Benzo(ghi)perylene	500		ug/kg	150	22.	1
Fluorene	44	J	ug/kg	180	18.	1
Phenanthrene	590		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	130		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	540		ug/kg	150	26.	1
Pyrene	1200		ug/kg	110	18.	1
Dibenzofuran	41	J	ug/kg	180	17.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-22 Date Collected: 04/13/21 10:15

Client ID: B4SB-1 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	50		18-120

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-23 D
Client ID: B5SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 15:47
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	560	J	ug/kg	710	92.	5
Hexachlorobenzene	ND		ug/kg	530	100	5
Fluoranthene	4400		ug/kg	530	100	5
Naphthalene	510	J	ug/kg	890	110	5
Benzo(a)anthracene	2400		ug/kg	530	100	5
Benzo(a)pyrene	1800		ug/kg	710	220	5
Benzo(b)fluoranthene	2300		ug/kg	530	150	5
Benzo(k)fluoranthene	740		ug/kg	530	140	5
Chrysene	2600		ug/kg	530	93.	5
Acenaphthylene	220	J	ug/kg	710	140	5
Anthracene	960		ug/kg	530	170	5
Benzo(ghi)perylene	720		ug/kg	710	100	5
Fluorene	580	J	ug/kg	890	86.	5
Phenanthrene	4000		ug/kg	530	110	5
Dibenzo(a,h)anthracene	200	J	ug/kg	530	100	5
Indeno(1,2,3-cd)pyrene	780		ug/kg	710	120	5
Pyrene	4500		ug/kg	530	88.	5
Dibenzofuran	300	J	ug/kg	890	84.	5
Pentachlorophenol	ND		ug/kg	710	200	5
Phenol	ND		ug/kg	890	130	5
2-Methylphenol	ND		ug/kg	890	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-23 D
Client ID: B5SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		25-120
Phenol-d6	42		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	49		30-120
2,4,6-Tribromophenol	41		10-136
4-Terphenyl-d14	42		18-120

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-24 D
Client ID: B5SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:50
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 13:03
Analyst: IM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	170	J	ug/kg	790	100	5
Hexachlorobenzene	ND		ug/kg	590	110	5
Fluoranthene	1900		ug/kg	590	110	5
Naphthalene	260	J	ug/kg	980	120	5
Benzo(a)anthracene	990		ug/kg	590	110	5
Benzo(a)pyrene	910		ug/kg	790	240	5
Benzo(b)fluoranthene	1300		ug/kg	590	160	5
Benzo(k)fluoranthene	430	J	ug/kg	590	160	5
Chrysene	1000		ug/kg	590	100	5
Acenaphthylene	ND		ug/kg	790	150	5
Anthracene	370	J	ug/kg	590	190	5
Benzo(ghi)perylene	570	J	ug/kg	790	120	5
Fluorene	180	J	ug/kg	980	96.	5
Phenanthrene	1400		ug/kg	590	120	5
Dibenzo(a,h)anthracene	130	J	ug/kg	590	110	5
Indeno(1,2,3-cd)pyrene	560	J	ug/kg	790	140	5
Pyrene	1600		ug/kg	590	98.	5
Dibenzofuran	160	J	ug/kg	980	93.	5
Pentachlorophenol	ND		ug/kg	790	220	5
Phenol	ND		ug/kg	980	150	5
2-Methylphenol	ND		ug/kg	980	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	150	5

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-24 D
Client ID: B5SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:50
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	48		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-25
Client ID: B4SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 11:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 10:09
Analyst: SZ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	76	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Fluoranthene	1700		ug/kg	110	20.	1
Naphthalene	78	J	ug/kg	180	22.	1
Benzo(a)anthracene	980		ug/kg	110	20.	1
Benzo(a)pyrene	960		ug/kg	140	43.	1
Benzo(b)fluoranthene	1400		ug/kg	110	30.	1
Benzo(k)fluoranthene	470		ug/kg	110	28.	1
Chrysene	1000		ug/kg	110	18.	1
Acenaphthylene	250		ug/kg	140	27.	1
Anthracene	340		ug/kg	110	34.	1
Benzo(ghi)perylene	640		ug/kg	140	21.	1
Fluorene	67	J	ug/kg	180	17.	1
Phenanthrene	790		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	170		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	740		ug/kg	140	25.	1
Pyrene	1500		ug/kg	110	18.	1
Dibenzofuran	68	J	ug/kg	180	17.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-25 Date Collected: 04/13/21 11:00

Client ID: B4SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	58		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-26
Client ID: B4SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 11:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 08:11
Analyst: SZ
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Fluoranthene	1900		ug/kg	110	21.	1
Naphthalene	71	J	ug/kg	180	22.	1
Benzo(a)anthracene	1000		ug/kg	110	20.	1
Benzo(a)pyrene	890		ug/kg	140	44.	1
Benzo(b)fluoranthene	1200		ug/kg	110	30.	1
Benzo(k)fluoranthene	430		ug/kg	110	29.	1
Chrysene	1000		ug/kg	110	19.	1
Acenaphthylene	160		ug/kg	140	28.	1
Anthracene	360		ug/kg	110	35.	1
Benzo(ghi)perylene	540		ug/kg	140	21.	1
Fluorene	130	J	ug/kg	180	18.	1
Phenanthrene	1400		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	150		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	600		ug/kg	140	25.	1
Pyrene	1600		ug/kg	110	18.	1
Dibenzofuran	66	J	ug/kg	180	17.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-26 Date Collected: 04/13/21 11:30

Client ID: B4SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	59		18-120

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-27
Client ID: B5SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 09:57
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	86	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Fluoranthene	1800		ug/kg	110	21.	1
Naphthalene	67	J	ug/kg	180	22.	1
Benzo(a)anthracene	1000		ug/kg	110	21.	1
Benzo(a)pyrene	950		ug/kg	150	45.	1
Benzo(b)fluoranthene	1300		ug/kg	110	31.	1
Benzo(k)fluoranthene	450		ug/kg	110	30.	1
Chrysene	1000		ug/kg	110	19.	1
Acenaphthylene	95	J	ug/kg	150	28.	1
Anthracene	300		ug/kg	110	36.	1
Benzo(ghi)perylene	500		ug/kg	150	22.	1
Fluorene	89	J	ug/kg	180	18.	1
Phenanthrene	1000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	120		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	520		ug/kg	150	26.	1
Pyrene	1600		ug/kg	110	18.	1
Dibenzofuran	66	J	ug/kg	180	17.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-27 Date Collected: 04/13/21 12:00

Client ID: B5SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		25-120
Phenol-d6	37		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	41		30-120
2,4,6-Tribromophenol	34		10-136
4-Terphenyl-d14	26		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-28 D
Client ID: B5SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 10:56
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2200		ug/kg	740	95.	5
Hexachlorobenzene	ND		ug/kg	550	100	5
Fluoranthene	23000		ug/kg	550	100	5
Naphthalene	1100		ug/kg	920	110	5
Benzo(a)anthracene	11000		ug/kg	550	100	5
Benzo(a)pyrene	9000		ug/kg	740	220	5
Benzo(b)fluoranthene	12000		ug/kg	550	160	5
Benzo(k)fluoranthene	4200		ug/kg	550	150	5
Chrysene	9800		ug/kg	550	96.	5
Acenaphthylene	430	J	ug/kg	740	140	5
Anthracene	6600		ug/kg	550	180	5
Benzo(ghi)perylene	4900		ug/kg	740	110	5
Fluorene	3100		ug/kg	920	90.	5
Phenanthrene	21000		ug/kg	550	110	5
Dibenzo(a,h)anthracene	1300		ug/kg	550	110	5
Indeno(1,2,3-cd)pyrene	5700		ug/kg	740	130	5
Pyrene	18000		ug/kg	550	92.	5
Dibenzofuran	1600		ug/kg	920	87.	5
Pentachlorophenol	ND		ug/kg	740	200	5
Phenol	ND		ug/kg	920	140	5
2-Methylphenol	ND		ug/kg	920	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-28 D
Client ID: B5SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	68		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-29 D
Client ID: OSSB-6 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 16:10
Analyst: IM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140	J	ug/kg	750	98.	5
Hexachlorobenzene	ND		ug/kg	570	100	5
Fluoranthene	2600		ug/kg	570	110	5
Naphthalene	ND		ug/kg	940	110	5
Benzo(a)anthracene	1600		ug/kg	570	110	5
Benzo(a)pyrene	1300		ug/kg	750	230	5
Benzo(b)fluoranthene	1900		ug/kg	570	160	5
Benzo(k)fluoranthene	620		ug/kg	570	150	5
Chrysene	1700		ug/kg	570	98.	5
Acenaphthylene	ND		ug/kg	750	140	5
Anthracene	410	J	ug/kg	570	180	5
Benzo(ghi)perylene	650	J	ug/kg	750	110	5
Fluorene	130	J	ug/kg	940	92.	5
Phenanthrene	1400		ug/kg	570	110	5
Dibenzo(a,h)anthracene	160	J	ug/kg	570	110	5
Indeno(1,2,3-cd)pyrene	690	J	ug/kg	750	130	5
Pyrene	2600		ug/kg	570	94.	5
Dibenzofuran	ND		ug/kg	940	89.	5
Pentachlorophenol	ND		ug/kg	750	210	5
Phenol	ND		ug/kg	940	140	5
2-Methylphenol	ND		ug/kg	940	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	150	5

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-29 D
Client ID: OSSB-6 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	47		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-30 D
Client ID: OSSB-6 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:49
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 16:33
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	730	95.	5
Hexachlorobenzene	ND		ug/kg	550	100	5
Fluoranthene	1500		ug/kg	550	100	5
Naphthalene	ND		ug/kg	920	110	5
Benzo(a)anthracene	900		ug/kg	550	100	5
Benzo(a)pyrene	710	J	ug/kg	730	220	5
Benzo(b)fluoranthene	1100		ug/kg	550	150	5
Benzo(k)fluoranthene	380	J	ug/kg	550	150	5
Chrysene	910		ug/kg	550	95.	5
Acenaphthylene	ND		ug/kg	730	140	5
Anthracene	240	J	ug/kg	550	180	5
Benzo(ghi)perylene	420	J	ug/kg	730	110	5
Fluorene	ND		ug/kg	920	89.	5
Phenanthrene	940		ug/kg	550	110	5
Dibenzo(a,h)anthracene	110	J	ug/kg	550	110	5
Indeno(1,2,3-cd)pyrene	430	J	ug/kg	730	130	5
Pyrene	1400		ug/kg	550	91.	5
Dibenzofuran	ND		ug/kg	920	87.	5
Pentachlorophenol	ND		ug/kg	730	200	5
Phenol	ND		ug/kg	920	140	5
2-Methylphenol	ND		ug/kg	920	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-30 D
Client ID: OSSB-6 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:49
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	46		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	49		30-120
2,4,6-Tribromophenol	44		10-136
4-Terphenyl-d14	41		18-120

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-31
Client ID: OSSB-5 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 13:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 11:06
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Fluoranthene	680		ug/kg	110	20.	1
Naphthalene	ND		ug/kg	180	22.	1
Benzo(a)anthracene	420		ug/kg	110	20.	1
Benzo(a)pyrene	370		ug/kg	140	44.	1
Benzo(b)fluoranthene	650		ug/kg	110	30.	1
Benzo(k)fluoranthene	210		ug/kg	110	28.	1
Chrysene	530		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	68	J	ug/kg	110	35.	1
Benzo(ghi)perylene	210		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	240		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	49	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	200		ug/kg	140	25.	1
Pyrene	670		ug/kg	110	18.	1
Dibenzofuran	ND		ug/kg	180	17.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-31 Date Collected: 04/13/21 13:00

Client ID: OSSB-5 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		25-120
Phenol-d6	31		10-120
Nitrobenzene-d5	40		23-120
2-Fluorobiphenyl	40		30-120
2,4,6-Tribromophenol	29		10-136
4-Terphenyl-d14	29		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-32 D
Client ID: OSSB-5 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 13:10
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 13:50
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	710	92.	5
Hexachlorobenzene	ND		ug/kg	530	100	5
Fluoranthene	900		ug/kg	530	100	5
Naphthalene	ND		ug/kg	890	110	5
Benzo(a)anthracene	530		ug/kg	530	100	5
Benzo(a)pyrene	570	J	ug/kg	710	220	5
Benzo(b)fluoranthene	910		ug/kg	530	150	5
Benzo(k)fluoranthene	300	J	ug/kg	530	140	5
Chrysene	710		ug/kg	530	93.	5
Acenaphthylene	ND		ug/kg	710	140	5
Anthracene	ND		ug/kg	530	170	5
Benzo(ghi)perylene	360	J	ug/kg	710	100	5
Fluorene	ND		ug/kg	890	87.	5
Phenanthrene	300	J	ug/kg	530	110	5
Dibenzo(a,h)anthracene	ND		ug/kg	530	100	5
Indeno(1,2,3-cd)pyrene	380	J	ug/kg	710	120	5
Pyrene	830		ug/kg	530	89.	5
Dibenzofuran	ND		ug/kg	890	84.	5
Pentachlorophenol	ND		ug/kg	710	200	5
Phenol	ND		ug/kg	890	130	5
2-Methylphenol	ND		ug/kg	890	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-32 D
Client ID: OSSB-5 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 13:10
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		25-120
Phenol-d6	47		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	47		30-120
2,4,6-Tribromophenol	43		10-136
4-Terphenyl-d14	37		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-33 D
Client ID: B6SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 14:13
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	740	96.	5
Hexachlorobenzene	ND		ug/kg	560	100	5
Fluoranthene	130	J	ug/kg	560	110	5
Naphthalene	ND		ug/kg	930	110	5
Benzo(a)anthracene	110	J	ug/kg	560	100	5
Benzo(a)pyrene	ND		ug/kg	740	230	5
Benzo(b)fluoranthene	160	J	ug/kg	560	160	5
Benzo(k)fluoranthene	ND		ug/kg	560	150	5
Chrysene	110	J	ug/kg	560	96.	5
Acenaphthylene	ND		ug/kg	740	140	5
Anthracene	ND		ug/kg	560	180	5
Benzo(ghi)perylene	ND		ug/kg	740	110	5
Fluorene	ND		ug/kg	930	90.	5
Phenanthrene	ND		ug/kg	560	110	5
Dibenzo(a,h)anthracene	ND		ug/kg	560	110	5
Indeno(1,2,3-cd)pyrene	ND		ug/kg	740	130	5
Pyrene	120	J	ug/kg	560	92.	5
Dibenzofuran	ND		ug/kg	930	88.	5
Pentachlorophenol	ND		ug/kg	740	200	5
Phenol	ND		ug/kg	930	140	5
2-Methylphenol	ND		ug/kg	930	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-33 D
Client ID: B6SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		25-120
Phenol-d6	38		10-120
Nitrobenzene-d5	41		23-120
2-Fluorobiphenyl	41		30-120
2,4,6-Tribromophenol	35		10-136
4-Terphenyl-d14	33		18-120

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-34
Client ID: B6SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE
Date Collected: 04/14/21 07:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 08:34
Analyst: SZ
Percent Solids: 93%
Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	29	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Fluoranthene	390		ug/kg	100	20.	1
Naphthalene	22	J	ug/kg	170	21.	1
Benzo(a)anthracene	230		ug/kg	100	20.	1
Benzo(a)pyrene	230		ug/kg	140	42.	1
Benzo(b)fluoranthene	300		ug/kg	100	29.	1
Benzo(k)fluoranthene	110		ug/kg	100	28.	1
Chrysene	240		ug/kg	100	18.	1
Acenaphthylene	34	J	ug/kg	140	27.	1
Anthracene	80	J	ug/kg	100	34.	1
Benzo(ghi)perylene	160		ug/kg	140	20.	1
Fluorene	27	J	ug/kg	170	17.	1
Phenanthrene	300		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	43	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	180		ug/kg	140	24.	1
Pyrene	340		ug/kg	100	17.	1
Dibenzofuran	16	J	ug/kg	170	16.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-34 Date Collected: 04/14/21 07:15

Client ID: B6SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	53		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-35 D
Client ID: OSSB-7 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:21
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 10:32
Analyst: SZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1300		ug/kg	800	100	5
Hexachlorobenzene	ND		ug/kg	600	110	5
Fluoranthene	11000		ug/kg	600	110	5
Naphthalene	260	J	ug/kg	990	120	5
Benzo(a)anthracene	5500		ug/kg	600	110	5
Benzo(a)pyrene	4600		ug/kg	800	240	5
Benzo(b)fluoranthene	5600		ug/kg	600	170	5
Benzo(k)fluoranthene	2100		ug/kg	600	160	5
Chrysene	4700		ug/kg	600	100	5
Acenaphthylene	250	J	ug/kg	800	150	5
Anthracene	3200		ug/kg	600	190	5
Benzo(ghi)perylene	2500		ug/kg	800	120	5
Fluorene	1300		ug/kg	990	97.	5
Phenanthrene	9400		ug/kg	600	120	5
Dibenzo(a,h)anthracene	670		ug/kg	600	110	5
Indeno(1,2,3-cd)pyrene	2800		ug/kg	800	140	5
Pyrene	8700		ug/kg	600	99.	5
Dibenzofuran	730	J	ug/kg	990	94.	5
Pentachlorophenol	ND		ug/kg	800	220	5
Phenol	ND		ug/kg	990	150	5
2-Methylphenol	ND		ug/kg	990	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	160	5

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-35 D
Client ID: OSSB-7 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:21
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		25-120
Phenol-d6	47		10-120
Nitrobenzene-d5	36		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	43		10-136
4-Terphenyl-d14	47		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-36 D
Client ID: OSSB-7 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:27
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 14:36
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	430	J	ug/kg	730	94.	5
Hexachlorobenzene	ND		ug/kg	540	100	5
Fluoranthene	5700		ug/kg	540	100	5
Naphthalene	170	J	ug/kg	910	110	5
Benzo(a)anthracene	3100		ug/kg	540	100	5
Benzo(a)pyrene	2800		ug/kg	730	220	5
Benzo(b)fluoranthene	3500		ug/kg	540	150	5
Benzo(k)fluoranthene	1300		ug/kg	540	140	5
Chrysene	2800		ug/kg	540	94.	5
Acenaphthylene	200	J	ug/kg	730	140	5
Anthracene	1200		ug/kg	540	180	5
Benzo(ghi)perylene	1100		ug/kg	730	110	5
Fluorene	510	J	ug/kg	910	88.	5
Phenanthrene	3900		ug/kg	540	110	5
Dibenzo(a,h)anthracene	300	J	ug/kg	540	100	5
Indeno(1,2,3-cd)pyrene	1300		ug/kg	730	130	5
Pyrene	4800		ug/kg	540	90.	5
Dibenzofuran	240	J	ug/kg	910	86.	5
Pentachlorophenol	ND		ug/kg	730	200	5
Phenol	ND		ug/kg	910	140	5
2-Methylphenol	ND		ug/kg	910	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-36 D
Client ID: OSSB-7 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:27
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	46		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-37 D
Client ID: B6SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 08:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 13:26
Analyst: IM
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1700	J	ug/kg	1900	240	10
Hexachlorobenzene	ND		ug/kg	1400	260	10
Fluoranthene	35000		ug/kg	1400	270	10
Naphthalene	770	J	ug/kg	2300	280	10
Benzo(a)anthracene	13000		ug/kg	1400	260	10
Benzo(a)pyrene	9900		ug/kg	1900	570	10
Benzo(b)fluoranthene	15000		ug/kg	1400	390	10
Benzo(k)fluoranthene	4900		ug/kg	1400	370	10
Chrysene	12000		ug/kg	1400	240	10
Acenaphthylene	2400		ug/kg	1900	360	10
Anthracene	3700		ug/kg	1400	450	10
Benzo(ghi)perylene	3900		ug/kg	1900	270	10
Fluorene	2200	J	ug/kg	2300	230	10
Phenanthrene	31000		ug/kg	1400	280	10
Dibenzo(a,h)anthracene	1200	J	ug/kg	1400	270	10
Indeno(1,2,3-cd)pyrene	5200		ug/kg	1900	320	10
Pyrene	26000		ug/kg	1400	230	10
Dibenzofuran	2400		ug/kg	2300	220	10
Pentachlorophenol	ND		ug/kg	1900	510	10
Phenol	ND		ug/kg	2300	350	10
2-Methylphenol	ND		ug/kg	2300	360	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	3300	360	10

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-37 D
Client ID: B6SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 08:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	53		18-120

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-38 D
Client ID: B6SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 08:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/20/21 15:00
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	720	93.	5
Hexachlorobenzene	ND		ug/kg	540	100	5
Fluoranthene	230	J	ug/kg	540	100	5
Naphthalene	ND		ug/kg	900	110	5
Benzo(a)anthracene	310	J	ug/kg	540	100	5
Benzo(a)pyrene	260	J	ug/kg	720	220	5
Benzo(b)fluoranthene	240	J	ug/kg	540	150	5
Benzo(k)fluoranthene	ND		ug/kg	540	140	5
Chrysene	370	J	ug/kg	540	94.	5
Acenaphthylene	ND		ug/kg	720	140	5
Anthracene	ND		ug/kg	540	180	5
Benzo(ghi)perylene	220	J	ug/kg	720	110	5
Fluorene	ND		ug/kg	900	88.	5
Phenanthrene	330	J	ug/kg	540	110	5
Dibenzo(a,h)anthracene	ND		ug/kg	540	100	5
Indeno(1,2,3-cd)pyrene	150	J	ug/kg	720	120	5
Pyrene	420	J	ug/kg	540	90.	5
Dibenzofuran	ND		ug/kg	900	85.	5
Pentachlorophenol	ND		ug/kg	720	200	5
Phenol	ND		ug/kg	900	140	5
2-Methylphenol	ND		ug/kg	900	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-38 D
Client ID: B6SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 08:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		25-120
Phenol-d6	32		10-120
Nitrobenzene-d5	32		23-120
2-Fluorobiphenyl	35		30-120
2,4,6-Tribromophenol	27		10-136
4-Terphenyl-d14	31		18-120

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/19/21 23:51
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-20 Batch: WG1487863-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Fluoranthene	ND		ug/kg	97	18.
Naphthalene	ND		ug/kg	160	20.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Dibenzofuran	ND		ug/kg	160	15.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/19/21 23:51
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 04/19/21 09:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-20 Batch: WG1487863-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	86		18-120

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/20/21 01:23
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-38 Batch: WG1487954-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Fluoranthene	ND		ug/kg	99	19.
Naphthalene	ND		ug/kg	160	20.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Dibenzofuran	ND		ug/kg	160	16.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/20/21 01:23
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 04/19/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-38 Batch: WG1487954-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	72		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG1487863-2 WG1487863-3								
Acenaphthene	90		84		31-137	7		50
Hexachlorobenzene	85		80		40-140	6		50
Fluoranthene	89		86		40-140	3		50
Naphthalene	83		79		40-140	5		50
Benzo(a)anthracene	94		90		40-140	4		50
Benzo(a)pyrene	93		88		40-140	6		50
Benzo(b)fluoranthene	93		88		40-140	6		50
Benzo(k)fluoranthene	88		82		40-140	7		50
Chrysene	88		84		40-140	5		50
Acenaphthylene	89		86		40-140	3		50
Anthracene	89		87		40-140	2		50
Benzo(ghi)perylene	91		87		40-140	4		50
Fluorene	93		88		40-140	6		50
Phenanthrene	88		84		40-140	5		50
Dibenzo(a,h)anthracene	91		85		40-140	7		50
Indeno(1,2,3-cd)pyrene	91		85		40-140	7		50
Pyrene	89		86		35-142	3		50
Dibenzofuran	90		85		40-140	6		50
Pentachlorophenol	81		76		17-109	6		50
Phenol	**93**	Q	**92**	Q	26-90	1		50
2-Methylphenol	95		96		30-130.	1		50
3-Methylphenol/4-Methylphenol	98		97		30-130	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG1487863-2 WG1487863-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	86		84		25-120
Phenol-d6	94		93		10-120
Nitrobenzene-d5	96		98		23-120
2-Fluorobiphenyl	86		83		30-120
2,4,6-Tribromophenol	101		93		10-136
4-Terphenyl-d14	82		79		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119400

Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-38 Batch: WG1487954-2 WG1487954-3								
Acenaphthene	66		70		31-137	6		50
Hexachlorobenzene	68		72		40-140	6		50
Fluoranthene	66		67		40-140	2		50
Naphthalene	65		69		40-140	6		50
Benzo(a)anthracene	68		72		40-140	6		50
Benzo(a)pyrene	70		73		40-140	4		50
Benzo(b)fluoranthene	70		71		40-140	1		50
Benzo(k)fluoranthene	66		72		40-140	9		50
Chrysene	67		71		40-140	6		50
Acenaphthylene	67		69		40-140	3		50
Anthracene	68		71		40-140	4		50
Benzo(ghi)perylene	69		71		40-140	3		50
Fluorene	65		68		40-140	5		50
Phenanthrene	65		68		40-140	5		50
Dibenzo(a,h)anthracene	71		74		40-140	4		50
Indeno(1,2,3-cd)pyrene	71		73		40-140	3		50
Pyrene	65		64		35-142	2		50
Dibenzofuran	66		70		40-140	6		50
Pentachlorophenol	69		68		17-109	1		50
Phenol	67		70		26-90	4		50
2-Methylphenol	68		73		30-130.	7		50
3-Methylphenol/4-Methylphenol	70		74		30-130	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119400

Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-38 Batch: WG1487954-2 WG1487954-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		69		25-120
Phenol-d6	66		69		10-120
Nitrobenzene-d5	69		74		23-120
2-Fluorobiphenyl	69		72		30-120
2,4,6-Tribromophenol	75		76		10-136
4-Terphenyl-d14	68		69		18-120

PCBS

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-01
Client ID: B2SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 09:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 09:44
Analyst: JM
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	42.6	3.79	1	A
Aroclor 1221	ND		ug/kg	42.6	4.27	1	A
Aroclor 1232	ND		ug/kg	42.6	9.04	1	A
Aroclor 1242	ND		ug/kg	42.6	5.75	1	A
Aroclor 1248	ND		ug/kg	42.6	6.40	1	A
Aroclor 1254	25.7	J	ug/kg	42.6	4.66	1	B
Aroclor 1260	12.9	J	ug/kg	42.6	7.88	1	B
Aroclor 1262	ND		ug/kg	42.6	5.41	1	A
Aroclor 1268	4.54	J	ug/kg	42.6	4.42	1	B
PCBs, Total	43.1	J	ug/kg	42.6	3.79	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-02
Client ID: B2SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 09:10
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 09:57
Analyst: JM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.8	3.26	1	A
Aroclor 1221	ND		ug/kg	36.8	3.68	1	A
Aroclor 1232	ND		ug/kg	36.8	7.80	1	A
Aroclor 1242	ND		ug/kg	36.8	4.96	1	A
Aroclor 1248	ND		ug/kg	36.8	5.52	1	A
Aroclor 1254	ND		ug/kg	36.8	4.02	1	A
Aroclor 1260	62.8		ug/kg	36.8	6.80	1	B
Aroclor 1262	ND		ug/kg	36.8	4.67	1	A
Aroclor 1268	36.6	J	ug/kg	36.8	3.81	1	B
PCBs, Total	99.4	J	ug/kg	36.8	3.26	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-03
Client ID: B1SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 09:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 10:10
Analyst: JM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.9	3.19	1	A
Aroclor 1221	ND		ug/kg	35.9	3.60	1	A
Aroclor 1232	ND		ug/kg	35.9	7.62	1	A
Aroclor 1242	ND		ug/kg	35.9	4.84	1	A
Aroclor 1248	ND		ug/kg	35.9	5.39	1	A
Aroclor 1254	ND		ug/kg	35.9	3.93	1	A
Aroclor 1260	10.2	J	ug/kg	35.9	6.64	1	A
Aroclor 1262	ND		ug/kg	35.9	4.56	1	A
Aroclor 1268	ND		ug/kg	35.9	3.72	1	B
PCBs, Total	10.2	J	ug/kg	35.9	3.19	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-04
Client ID: B1SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 09:41
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 10:23
Analyst: JM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	3.19	1	A
Aroclor 1221	ND		ug/kg	36.0	3.60	1	A
Aroclor 1232	ND		ug/kg	36.0	7.62	1	A
Aroclor 1242	ND		ug/kg	36.0	4.85	1	A
Aroclor 1248	ND		ug/kg	36.0	5.40	1	A
Aroclor 1254	22.9	J	ug/kg	36.0	3.93	1	B
Aroclor 1260	15.2	J	ug/kg	36.0	6.65	1	A
Aroclor 1262	ND		ug/kg	36.0	4.57	1	A
Aroclor 1268	4.06	J	ug/kg	36.0	3.73	1	B
PCBs, Total	42.2	J	ug/kg	36.0	3.19	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-05
Client ID: OSSB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 10:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 10:35
Analyst: JM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.2	3.22	1	A
Aroclor 1221	ND		ug/kg	36.2	3.63	1	A
Aroclor 1232	ND		ug/kg	36.2	7.68	1	A
Aroclor 1242	ND		ug/kg	36.2	4.88	1	A
Aroclor 1248	ND		ug/kg	36.2	5.44	1	A
Aroclor 1254	21.8	J	ug/kg	36.2	3.96	1	B
Aroclor 1260	18.8	J	ug/kg	36.2	6.70	1	A
Aroclor 1262	ND		ug/kg	36.2	4.60	1	A
Aroclor 1268	6.14	J	ug/kg	36.2	3.75	1	B
PCBs, Total	46.7	J	ug/kg	36.2	3.22	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	32		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-06
Client ID: OSSB-2 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 10:39
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 10:48
Analyst: JM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.1	3.11	1	A
Aroclor 1221	ND		ug/kg	35.1	3.51	1	A
Aroclor 1232	ND		ug/kg	35.1	7.44	1	A
Aroclor 1242	ND		ug/kg	35.1	4.73	1	A
Aroclor 1248	ND		ug/kg	35.1	5.26	1	A
Aroclor 1254	31.4	J	ug/kg	35.1	3.84	1	B
Aroclor 1260	21.5	J	ug/kg	35.1	6.48	1	A
Aroclor 1262	ND		ug/kg	35.1	4.45	1	A
Aroclor 1268	5.86	J	ug/kg	35.1	3.63	1	B
PCBs, Total	58.8	J	ug/kg	35.1	3.11	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-07
Client ID: OSSB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 11:01
Analyst: JM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.5	3.24	1	A
Aroclor 1221	ND		ug/kg	36.5	3.66	1	A
Aroclor 1232	ND		ug/kg	36.5	7.74	1	A
Aroclor 1242	ND		ug/kg	36.5	4.92	1	A
Aroclor 1248	ND		ug/kg	36.5	5.47	1	A
Aroclor 1254	ND		ug/kg	36.5	3.99	1	A
Aroclor 1260	43.1		ug/kg	36.5	6.74	1	A
Aroclor 1262	ND		ug/kg	36.5	4.64	1	A
Aroclor 1268	15.0	J	ug/kg	36.5	3.78	1	B
PCBs, Total	58.1	J	ug/kg	36.5	3.24	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-08
Client ID: OSSB-1 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:19
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 11:14
Analyst: JM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.0	3.46	1	A
Aroclor 1221	ND		ug/kg	39.0	3.90	1	A
Aroclor 1232	ND		ug/kg	39.0	8.26	1	A
Aroclor 1242	ND		ug/kg	39.0	5.25	1	A
Aroclor 1248	ND		ug/kg	39.0	5.85	1	A
Aroclor 1254	51.9		ug/kg	39.0	4.26	1	A
Aroclor 1260	42.7		ug/kg	39.0	7.20	1	A
Aroclor 1262	ND		ug/kg	39.0	4.95	1	A
Aroclor 1268	13.3	J	ug/kg	39.0	4.04	1	B
PCBs, Total	108	J	ug/kg	39.0	3.46	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-09
Client ID: B1SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:50
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 11:27
Analyst: JM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.8	3.18	1	A
Aroclor 1221	ND		ug/kg	35.8	3.59	1	A
Aroclor 1232	ND		ug/kg	35.8	7.59	1	A
Aroclor 1242	ND		ug/kg	35.8	4.83	1	A
Aroclor 1248	ND		ug/kg	35.8	5.37	1	A
Aroclor 1254	287		ug/kg	35.8	3.92	1	A
Aroclor 1260	112		ug/kg	35.8	6.62	1	B
Aroclor 1262	ND		ug/kg	35.8	4.55	1	A
Aroclor 1268	28.1	J	ug/kg	35.8	3.71	1	B
PCBs, Total	427	J	ug/kg	35.8	3.18	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-10
Client ID: B1SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:57
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 15:57
Analyst: JAW
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.4	3.41	1	A
Aroclor 1221	ND		ug/kg	38.4	3.84	1	A
Aroclor 1232	ND		ug/kg	38.4	8.13	1	A
Aroclor 1242	ND		ug/kg	38.4	5.17	1	A
Aroclor 1248	ND		ug/kg	38.4	5.76	1	A
Aroclor 1254	ND		ug/kg	38.4	4.20	1	A
Aroclor 1260	14.5	J	ug/kg	38.4	7.09	1	B
Aroclor 1262	ND		ug/kg	38.4	4.87	1	A
Aroclor 1268	ND		ug/kg	38.4	3.98	1	A
PCBs, Total	14.5	J	ug/kg	38.4	3.41	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-11
Client ID: B2SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 11:53
Analyst: JM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	3.25	1	A
Aroclor 1221	ND		ug/kg	36.6	3.67	1	A
Aroclor 1232	ND		ug/kg	36.6	7.76	1	A
Aroclor 1242	ND		ug/kg	36.6	4.93	1	A
Aroclor 1248	ND		ug/kg	36.6	5.49	1	A
Aroclor 1254	ND		ug/kg	36.6	4.00	1	A
Aroclor 1260	73.4		ug/kg	36.6	6.76	1	A
Aroclor 1262	ND		ug/kg	36.6	4.65	1	A
Aroclor 1268	19.5	J	ug/kg	36.6	3.79	1	B
PCBs, Total	92.9	J	ug/kg	36.6	3.25	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-12
Client ID: B2SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:19
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 12:06
Analyst: JM
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	42.1	3.74	1	A
Aroclor 1221	ND		ug/kg	42.1	4.22	1	A
Aroclor 1232	ND		ug/kg	42.1	8.92	1	A
Aroclor 1242	120		ug/kg	42.1	5.67	1	B
Aroclor 1248	ND		ug/kg	42.1	6.31	1	A
Aroclor 1254	181		ug/kg	42.1	4.60	1	A
Aroclor 1260	96.8		ug/kg	42.1	7.78	1	A
Aroclor 1262	ND		ug/kg	42.1	5.34	1	A
Aroclor 1268	25.9	J	ug/kg	42.1	4.36	1	B
PCBs, Total	424	J	ug/kg	42.1	3.74	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-13 D
Client ID: B3SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 16:06
Analyst: JAW
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:06
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	3880	345.	100	A
Aroclor 1221	ND		ug/kg	3880	389.	100	A
Aroclor 1232	ND		ug/kg	3880	823.	100	A
Aroclor 1242	ND		ug/kg	3880	524.	100	A
Aroclor 1248	ND		ug/kg	3880	583.	100	A
Aroclor 1254	ND		ug/kg	3880	425.	100	A
Aroclor 1260	ND		ug/kg	3880	718.	100	A
Aroclor 1262	ND		ug/kg	3880	493.	100	A
Aroclor 1268	ND		ug/kg	3880	402.	100	A
PCBs, Total	ND		ug/kg	3880	345.	100	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-14 D
Client ID: B3SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:57
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 16:15
Analyst: JAW
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:06
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	742	65.9	20	A
Aroclor 1221	ND		ug/kg	742	74.4	20	A
Aroclor 1232	ND		ug/kg	742	157.	20	A
Aroclor 1242	ND		ug/kg	742	100.	20	A
Aroclor 1248	ND		ug/kg	742	111.	20	A
Aroclor 1254	ND		ug/kg	742	81.2	20	A
Aroclor 1260	ND		ug/kg	742	137.	20	A
Aroclor 1262	ND		ug/kg	742	94.2	20	A
Aroclor 1268	ND		ug/kg	742	76.9	20	A
PCBs, Total	ND		ug/kg	742	65.9	20	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-15
Client ID: B3SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 13:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 12:44
Analyst: JM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:06
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	3.23	1	A
Aroclor 1221	ND		ug/kg	36.4	3.65	1	A
Aroclor 1232	ND		ug/kg	36.4	7.72	1	A
Aroclor 1242	ND		ug/kg	36.4	4.91	1	A
Aroclor 1248	ND		ug/kg	36.4	5.46	1	A
Aroclor 1254	34.9	J	ug/kg	36.4	3.98	1	A
Aroclor 1260	37.0		ug/kg	36.4	6.73	1	A
Aroclor 1262	ND		ug/kg	36.4	4.62	1	A
Aroclor 1268	43.0		ug/kg	36.4	3.77	1	B
PCBs, Total	115	J	ug/kg	36.4	3.23	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	**29**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		30-150	B
Decachlorobiphenyl	35		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-16
Client ID: B3SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 13:45
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 12:57
Analyst: JM
Percent Solids: 63%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:06
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.2	4.63	1	A
Aroclor 1221	ND		ug/kg	52.2	5.22	1	A
Aroclor 1232	ND		ug/kg	52.2	11.0	1	A
Aroclor 1242	ND		ug/kg	52.2	7.03	1	A
Aroclor 1248	ND		ug/kg	52.2	7.82	1	A
Aroclor 1254	220		ug/kg	52.2	5.70	1	A
Aroclor 1260	115		ug/kg	52.2	9.64	1	A
Aroclor 1262	ND		ug/kg	52.2	6.62	1	A
Aroclor 1268	30.2	J	ug/kg	52.2	5.40	1	B
PCBs, Total	365	J	ug/kg	52.2	4.63	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-17
Client ID: OSSB-3 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 13:10
Analyst: JM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:06
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	3.09	1	A
Aroclor 1221	ND		ug/kg	34.8	3.48	1	A
Aroclor 1232	ND		ug/kg	34.8	7.37	1	A
Aroclor 1242	ND		ug/kg	34.8	4.69	1	A
Aroclor 1248	ND		ug/kg	34.8	5.22	1	A
Aroclor 1254	ND		ug/kg	34.8	3.80	1	A
Aroclor 1260	ND		ug/kg	34.8	6.43	1	A
Aroclor 1262	ND		ug/kg	34.8	4.42	1	A
Aroclor 1268	ND		ug/kg	34.8	3.60	1	A
PCBs, Total	ND		ug/kg	34.8	3.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-18
Client ID: OSSB-3 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:05
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 14:51
Analyst: CW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:06
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.3	2.96	1	A
Aroclor 1221	ND		ug/kg	33.3	3.34	1	A
Aroclor 1232	ND		ug/kg	33.3	7.07	1	A
Aroclor 1242	ND		ug/kg	33.3	4.49	1	A
Aroclor 1248	ND		ug/kg	33.3	5.00	1	A
Aroclor 1254	20.2	J	ug/kg	33.3	3.65	1	B
Aroclor 1260	29.4	J	ug/kg	33.3	6.16	1	A
Aroclor 1262	ND		ug/kg	33.3	4.23	1	A
Aroclor 1268	12.0	J	ug/kg	33.3	3.45	1	B
PCBs, Total	61.6	J	ug/kg	33.3	2.96	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-19
Client ID: OSSB-4 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 14:58
Analyst: CW
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:06
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.4	3.59	1	A
Aroclor 1221	ND		ug/kg	40.4	4.05	1	A
Aroclor 1232	ND		ug/kg	40.4	8.56	1	A
Aroclor 1242	ND		ug/kg	40.4	5.44	1	A
Aroclor 1248	ND		ug/kg	40.4	6.06	1	A
Aroclor 1254	31.7	J	ug/kg	40.4	4.42	1	A
Aroclor 1260	46.6		ug/kg	40.4	7.46	1	A
Aroclor 1262	ND		ug/kg	40.4	5.13	1	A
Aroclor 1268	18.6	J	ug/kg	40.4	4.18	1	B
PCBs, Total	96.9	J	ug/kg	40.4	3.59	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-20
Client ID: OSSB-4 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:50
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 15:05
Analyst: CW
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:06
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.8	3.44	1	A
Aroclor 1221	ND		ug/kg	38.8	3.88	1	A
Aroclor 1232	ND		ug/kg	38.8	8.22	1	A
Aroclor 1242	ND		ug/kg	38.8	5.23	1	A
Aroclor 1248	ND		ug/kg	38.8	5.82	1	A
Aroclor 1254	25.4	J	ug/kg	38.8	4.24	1	B
Aroclor 1260	38.0	J	ug/kg	38.8	7.16	1	A
Aroclor 1262	ND		ug/kg	38.8	4.92	1	A
Aroclor 1268	18.2	J	ug/kg	38.8	4.02	1	B
PCBs, Total	81.6	J	ug/kg	38.8	3.44	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-21
Client ID: B4SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 09:31
Analyst: JM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:14
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	3.09	1	A
Aroclor 1221	ND		ug/kg	34.8	3.49	1	A
Aroclor 1232	ND		ug/kg	34.8	7.39	1	A
Aroclor 1242	ND		ug/kg	34.8	4.70	1	A
Aroclor 1248	ND		ug/kg	34.8	5.23	1	A
Aroclor 1254	ND		ug/kg	34.8	3.81	1	A
Aroclor 1260	8.97	J	ug/kg	34.8	6.44	1	B
Aroclor 1262	ND		ug/kg	34.8	4.42	1	A
Aroclor 1268	ND		ug/kg	34.8	3.61	1	B
PCBs, Total	8.97	J	ug/kg	34.8	3.09	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-22
Client ID: B4SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 09:38
Analyst: JM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:14
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.5	3.15	1	A
Aroclor 1221	ND		ug/kg	35.5	3.56	1	A
Aroclor 1232	ND		ug/kg	35.5	7.52	1	A
Aroclor 1242	36.2		ug/kg	35.5	4.78	1	B
Aroclor 1248	ND		ug/kg	35.5	5.32	1	A
Aroclor 1254	62.6		ug/kg	35.5	3.88	1	B
Aroclor 1260	43.7		ug/kg	35.5	6.56	1	B
Aroclor 1262	ND		ug/kg	35.5	4.51	1	A
Aroclor 1268	17.4	J	ug/kg	35.5	3.68	1	B
PCBs, Total	160	J	ug/kg	35.5	3.15	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-23
Client ID: B5SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 09:45
Analyst: JM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:14
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	3.20	1	A
Aroclor 1221	ND		ug/kg	36.0	3.61	1	A
Aroclor 1232	ND		ug/kg	36.0	7.64	1	A
Aroclor 1242	42.6		ug/kg	36.0	4.86	1	A
Aroclor 1248	ND		ug/kg	36.0	5.41	1	A
Aroclor 1254	60.5		ug/kg	36.0	3.94	1	A
Aroclor 1260	56.7		ug/kg	36.0	6.66	1	B
Aroclor 1262	ND		ug/kg	36.0	4.58	1	A
Aroclor 1268	21.0	J	ug/kg	36.0	3.73	1	A
PCBs, Total	181	J	ug/kg	36.0	3.20	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-24
Client ID: B5SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:50
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 09:52
Analyst: JM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:14
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.9	3.46	1	A
Aroclor 1221	ND		ug/kg	38.9	3.90	1	A
Aroclor 1232	ND		ug/kg	38.9	8.25	1	A
Aroclor 1242	ND		ug/kg	38.9	5.24	1	A
Aroclor 1248	ND		ug/kg	38.9	5.84	1	A
Aroclor 1254	109		ug/kg	38.9	4.26	1	A
Aroclor 1260	63.3		ug/kg	38.9	7.19	1	B
Aroclor 1262	ND		ug/kg	38.9	4.94	1	A
Aroclor 1268	22.6	J	ug/kg	38.9	4.03	1	B
PCBs, Total	195	J	ug/kg	38.9	3.46	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-25
Client ID: B4SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 11:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 09:59
Analyst: JM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:14
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.3	3.13	1	A
Aroclor 1221	ND		ug/kg	35.3	3.53	1	A
Aroclor 1232	ND		ug/kg	35.3	7.48	1	A
Aroclor 1242	37.4		ug/kg	35.3	4.76	1	A
Aroclor 1248	ND		ug/kg	35.3	5.29	1	A
Aroclor 1254	46.4		ug/kg	35.3	3.86	1	B
Aroclor 1260	38.6		ug/kg	35.3	6.52	1	A
Aroclor 1262	ND		ug/kg	35.3	4.48	1	A
Aroclor 1268	12.5	J	ug/kg	35.3	3.65	1	B
PCBs, Total	135	J	ug/kg	35.3	3.13	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-26
Client ID: B4SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 11:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 10:06
Analyst: JM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:14
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.6	3.16	1	A
Aroclor 1221	ND		ug/kg	35.6	3.57	1	A
Aroclor 1232	ND		ug/kg	35.6	7.55	1	A
Aroclor 1242	28.4	J	ug/kg	35.6	4.80	1	A
Aroclor 1248	ND		ug/kg	35.6	5.34	1	A
Aroclor 1254	33.7	J	ug/kg	35.6	3.90	1	A
Aroclor 1260	32.2	J	ug/kg	35.6	6.58	1	B
Aroclor 1262	ND		ug/kg	35.6	4.52	1	A
Aroclor 1268	27.6	J	ug/kg	35.6	3.69	1	B
PCBs, Total	122	J	ug/kg	35.6	3.16	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-27
Client ID: B5SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 10:13
Analyst: JM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:14
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	3.23	1	A
Aroclor 1221	ND		ug/kg	36.4	3.64	1	A
Aroclor 1232	ND		ug/kg	36.4	7.71	1	A
Aroclor 1242	ND		ug/kg	36.4	4.90	1	A
Aroclor 1248	ND		ug/kg	36.4	5.45	1	A
Aroclor 1254	ND		ug/kg	36.4	3.98	1	A
Aroclor 1260	94.7		ug/kg	36.4	6.72	1	A
Aroclor 1262	ND		ug/kg	36.4	4.62	1	A
Aroclor 1268	43.9		ug/kg	36.4	3.77	1	B
PCBs, Total	139		ug/kg	36.4	3.23	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	46		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-28
Client ID: B5SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 10:20
Analyst: JM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:14
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.8	3.27	1	A
Aroclor 1221	ND		ug/kg	36.8	3.69	1	A
Aroclor 1232	ND		ug/kg	36.8	7.81	1	A
Aroclor 1242	ND		ug/kg	36.8	4.96	1	A
Aroclor 1248	ND		ug/kg	36.8	5.52	1	A
Aroclor 1254	ND		ug/kg	36.8	4.03	1	A
Aroclor 1260	32.5	J	ug/kg	36.8	6.80	1	B
Aroclor 1262	ND		ug/kg	36.8	4.68	1	A
Aroclor 1268	15.5	J	ug/kg	36.8	3.81	1	A
PCBs, Total	48.0	J	ug/kg	36.8	3.27	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-29
Client ID: OSSB-6 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 10:27
Analyst: JM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:14
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.9	3.28	1	A
Aroclor 1221	ND		ug/kg	36.9	3.70	1	A
Aroclor 1232	ND		ug/kg	36.9	7.82	1	A
Aroclor 1242	ND		ug/kg	36.9	4.97	1	A
Aroclor 1248	ND		ug/kg	36.9	5.54	1	A
Aroclor 1254	131		ug/kg	36.9	4.04	1	A
Aroclor 1260	127		ug/kg	36.9	6.82	1	B
Aroclor 1262	ND		ug/kg	36.9	4.69	1	A
Aroclor 1268	59.8		ug/kg	36.9	3.82	1	B
PCBs, Total	318		ug/kg	36.9	3.28	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-30
Client ID: OSSB-6 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:49
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 10:34
Analyst: JM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:14
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.2	3.13	1	A
Aroclor 1221	ND		ug/kg	35.2	3.53	1	A
Aroclor 1232	ND		ug/kg	35.2	7.47	1	A
Aroclor 1242	ND		ug/kg	35.2	4.75	1	A
Aroclor 1248	ND		ug/kg	35.2	5.28	1	A
Aroclor 1254	ND		ug/kg	35.2	3.85	1	A
Aroclor 1260	69.4		ug/kg	35.2	6.51	1	A
Aroclor 1262	ND		ug/kg	35.2	4.47	1	A
Aroclor 1268	37.5		ug/kg	35.2	3.65	1	A
PCBs, Total	107		ug/kg	35.2	3.13	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	**247**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	**298**	Q	30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-31
Client ID: OSSB-5 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 13:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 10:41
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:14
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.8	3.00	1	A
Aroclor 1221	ND		ug/kg	33.8	3.38	1	A
Aroclor 1232	ND		ug/kg	33.8	7.16	1	A
Aroclor 1242	ND		ug/kg	33.8	4.55	1	A
Aroclor 1248	ND		ug/kg	33.8	5.07	1	A
Aroclor 1254	ND		ug/kg	33.8	3.70	1	A
Aroclor 1260	11.6	J	ug/kg	33.8	6.24	1	A
Aroclor 1262	ND		ug/kg	33.8	4.29	1	A
Aroclor 1268	3.82	J	ug/kg	33.8	3.50	1	A
PCBs, Total	15.4	J	ug/kg	33.8	3.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-32
Client ID: OSSB-5 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 13:10
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 10:48
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:14
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	3.09	1	A
Aroclor 1221	ND		ug/kg	34.8	3.49	1	A
Aroclor 1232	ND		ug/kg	34.8	7.38	1	A
Aroclor 1242	ND		ug/kg	34.8	4.69	1	A
Aroclor 1248	ND		ug/kg	34.8	5.22	1	A
Aroclor 1254	ND		ug/kg	34.8	3.81	1	A
Aroclor 1260	21.4	J	ug/kg	34.8	6.43	1	A
Aroclor 1262	ND		ug/kg	34.8	4.42	1	A
Aroclor 1268	11.9	J	ug/kg	34.8	3.61	1	A
PCBs, Total	33.3	J	ug/kg	34.8	3.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-33
Client ID: B6SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 10:55
Analyst: JM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.7	3.26	1	A
Aroclor 1221	ND		ug/kg	36.7	3.68	1	A
Aroclor 1232	ND		ug/kg	36.7	7.78	1	A
Aroclor 1242	ND		ug/kg	36.7	4.95	1	A
Aroclor 1248	ND		ug/kg	36.7	5.50	1	A
Aroclor 1254	44.5		ug/kg	36.7	4.02	1	B
Aroclor 1260	24.9	J	ug/kg	36.7	6.78	1	B
Aroclor 1262	ND		ug/kg	36.7	4.66	1	A
Aroclor 1268	ND		ug/kg	36.7	3.80	1	A
PCBs, Total	69.4	J	ug/kg	36.7	3.26	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	**29**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	40		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-34
Client ID: B6SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 11:02
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	3.09	1	A
Aroclor 1221	ND		ug/kg	34.8	3.48	1	A
Aroclor 1232	ND		ug/kg	34.8	7.37	1	A
Aroclor 1242	ND		ug/kg	34.8	4.68	1	A
Aroclor 1248	ND		ug/kg	34.8	5.21	1	A
Aroclor 1254	ND		ug/kg	34.8	3.80	1	A
Aroclor 1260	34.5	J	ug/kg	34.8	6.42	1	A
Aroclor 1262	ND		ug/kg	34.8	4.41	1	A
Aroclor 1268	20.3	J	ug/kg	34.8	3.60	1	B
PCBs, Total	54.8	J	ug/kg	34.8	3.09	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	**1370**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	**1410**	Q	30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-35
Client ID: OSSB-7 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:21
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 11:09
Analyst: JM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.3	3.49	1	A
Aroclor 1221	ND		ug/kg	39.3	3.94	1	A
Aroclor 1232	ND		ug/kg	39.3	8.33	1	A
Aroclor 1242	ND		ug/kg	39.3	5.30	1	A
Aroclor 1248	ND		ug/kg	39.3	5.90	1	A
Aroclor 1254	ND		ug/kg	39.3	4.30	1	A
Aroclor 1260	61.2		ug/kg	39.3	7.26	1	B
Aroclor 1262	ND		ug/kg	39.3	4.99	1	A
Aroclor 1268	24.7	J	ug/kg	39.3	4.07	1	B
PCBs, Total	85.9	J	ug/kg	39.3	3.49	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-36
Client ID: OSSB-7 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:27
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 11:16
Analyst: JM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	3.20	1	A
Aroclor 1221	ND		ug/kg	36.0	3.61	1	A
Aroclor 1232	ND		ug/kg	36.0	7.64	1	A
Aroclor 1242	ND		ug/kg	36.0	4.86	1	A
Aroclor 1248	ND		ug/kg	36.0	5.40	1	A
Aroclor 1254	ND		ug/kg	36.0	3.94	1	A
Aroclor 1260	85.8		ug/kg	36.0	6.66	1	B
Aroclor 1262	ND		ug/kg	36.0	4.58	1	A
Aroclor 1268	35.7	J	ug/kg	36.0	3.73	1	B
PCBs, Total	122	J	ug/kg	36.0	3.20	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-37
Client ID: B6SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 08:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 11:23
Analyst: JM
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	46.8	4.16	1	A
Aroclor 1221	ND		ug/kg	46.8	4.69	1	A
Aroclor 1232	ND		ug/kg	46.8	9.92	1	A
Aroclor 1242	ND		ug/kg	46.8	6.31	1	A
Aroclor 1248	ND		ug/kg	46.8	7.02	1	A
Aroclor 1254	181		ug/kg	46.8	5.12	1	B
Aroclor 1260	125	P	ug/kg	46.8	8.65	1	B
Aroclor 1262	ND		ug/kg	46.8	5.94	1	A
Aroclor 1268	ND		ug/kg	46.8	4.85	1	A
PCBs, Total	306		ug/kg	46.8	4.16	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-38
Client ID: B6SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 08:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/20/21 13:58
Analyst: CW
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	3.20	1	A
Aroclor 1221	ND		ug/kg	36.0	3.61	1	A
Aroclor 1232	ND		ug/kg	36.0	7.63	1	A
Aroclor 1242	ND		ug/kg	36.0	4.85	1	A
Aroclor 1248	ND		ug/kg	36.0	5.40	1	A
Aroclor 1254	ND		ug/kg	36.0	3.94	1	A
Aroclor 1260	18.1	J	ug/kg	36.0	6.65	1	A
Aroclor 1262	ND		ug/kg	36.0	4.57	1	A
Aroclor 1268	ND		ug/kg	36.0	3.73	1	A
PCBs, Total	18.1	J	ug/kg	36.0	3.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	33		30-150	A
Decachlorobiphenyl	31		30-150	A
2,4,5,6-Tetrachloro-m-xylene	32		30-150	B
Decachlorobiphenyl	30		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/20/21 09:06
Analyst: JM

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-20 Batch: WG1487982-1						
Aroclor 1016	ND		ug/kg	32.8	2.91	A
Aroclor 1221	ND		ug/kg	32.8	3.28	A
Aroclor 1232	ND		ug/kg	32.8	6.95	A
Aroclor 1242	ND		ug/kg	32.8	4.42	A
Aroclor 1248	ND		ug/kg	32.8	4.91	A
Aroclor 1254	ND		ug/kg	32.8	3.58	A
Aroclor 1260	ND		ug/kg	32.8	6.06	A
Aroclor 1262	ND		ug/kg	32.8	4.16	A
Aroclor 1268	ND		ug/kg	32.8	3.39	A
PCBs, Total	ND		ug/kg	32.8	2.91	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/20/21 09:11
Analyst: JM

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:14
Cleanup Method: EPA 3665A
Cleanup Date: 04/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 21-38 Batch: WG1487988-1						
Aroclor 1016	ND		ug/kg	31.5	2.80	A
Aroclor 1221	ND		ug/kg	31.5	3.15	A
Aroclor 1232	ND		ug/kg	31.5	6.68	A
Aroclor 1242	ND		ug/kg	31.5	4.24	A
Aroclor 1248	ND		ug/kg	31.5	4.72	A
Aroclor 1254	ND		ug/kg	31.5	3.44	A
Aroclor 1260	ND		ug/kg	31.5	5.82	A
Aroclor 1262	ND		ug/kg	31.5	4.00	A
Aroclor 1268	ND		ug/kg	31.5	3.26	A
PCBs, Total	ND		ug/kg	31.5	2.80	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	57		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119400

Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-20 Batch: WG1487982-2 WG1487982-3									
Aroclor 1016	66		70		40-140	6		50	A
Aroclor 1260	67		70		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		68		30-150	A
Decachlorobiphenyl	62		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		73		30-150	B
Decachlorobiphenyl	61		64		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119400

Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 21-38 Batch: WG1487988-2 WG1487988-3									
Aroclor 1016	57		53		40-140	7		50	A
Aroclor 1260	58		53		40-140	9		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		55		30-150	A
Decachlorobiphenyl	55		50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		55		30-150	B
Decachlorobiphenyl	57		52		30-150	B

PESTICIDES

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-01
Client ID: B2SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 09:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 11:43
Analyst: JJW
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:53
Cleanup Method: EPA 3620B
Cleanup Date: 04/19/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.392	1	A
Lindane	ND		ug/kg	0.834	0.373	1	A
Alpha-BHC	ND		ug/kg	0.834	0.237	1	A
Beta-BHC	ND		ug/kg	2.00	0.759	1	A
Heptachlor	ND		ug/kg	1.00	0.448	1	A
Aldrin	ND		ug/kg	2.00	0.704	1	A
Endrin	ND		ug/kg	0.834	0.342	1	A
Dieldrin	ND		ug/kg	1.25	0.625	1	A
4,4'-DDE	10.4		ug/kg	2.00	0.463	1	A
4,4'-DDD	4.38	P	ug/kg	2.00	0.714	1	A
4,4'-DDT	30.1	P	ug/kg	3.75	1.61	1	A
Endosulfan I	ND		ug/kg	2.00	0.473	1	A
Endosulfan II	ND		ug/kg	2.00	0.669	1	A
Endosulfan sulfate	ND		ug/kg	0.834	0.397	1	A
cis-Chlordane	ND		ug/kg	2.50	0.697	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	**25**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**20**	Q	30-150	B
Decachlorobiphenyl	**23**	Q	30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-02 D
Client ID: B2SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 09:10
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 12:24
Analyst: JJW
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:53
Cleanup Method: EPA 3620B
Cleanup Date: 04/19/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.77	1.72	5	A
Lindane	ND		ug/kg	3.65	1.63	5	A
Alpha-BHC	ND		ug/kg	3.65	1.04	5	A
Beta-BHC	ND		ug/kg	8.77	3.32	5	A
Heptachlor	ND		ug/kg	4.38	1.96	5	A
Aldrin	ND		ug/kg	8.77	3.09	5	A
Endrin	ND		ug/kg	3.65	1.50	5	A
Dieldrin	ND		ug/kg	5.48	2.74	5	A
4,4'-DDE	22.3		ug/kg	8.77	2.03	5	B
4,4'-DDD	7.98	J	ug/kg	8.77	3.13	5	A
4,4'-DDT	48.3		ug/kg	16.4	7.05	5	B
Endosulfan I	ND		ug/kg	8.77	2.07	5	A
Endosulfan II	ND		ug/kg	8.77	2.93	5	A
Endosulfan sulfate	ND		ug/kg	3.65	1.74	5	A
cis-Chlordane	16.0		ug/kg	11.0	3.05	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	**154**	Q	30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-03
Client ID: B1SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 09:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 11:55
Analyst: JJW
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:53
Cleanup Method: EPA 3620B
Cleanup Date: 04/19/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.332	1	A
Lindane	ND		ug/kg	0.706	0.316	1	A
Alpha-BHC	ND		ug/kg	0.706	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.642	1	A
Heptachlor	ND		ug/kg	0.847	0.380	1	A
Aldrin	ND		ug/kg	1.69	0.596	1	A
Endrin	ND		ug/kg	0.706	0.289	1	A
Dieldrin	ND		ug/kg	1.06	0.529	1	A
4,4'-DDE	ND		ug/kg	1.69	0.392	1	A
4,4'-DDD	0.682	J	ug/kg	1.69	0.604	1	A
4,4'-DDT	4.85	P	ug/kg	3.18	1.36	1	B
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.706	0.336	1	A
cis-Chlordane	1.69	J	ug/kg	2.12	0.590	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-04 D
Client ID: B1SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 09:41
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 12:35
Analyst: JJW
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:53
Cleanup Method: EPA 3620B
Cleanup Date: 04/19/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.81	1.72	5	A
Lindane	ND		ug/kg	3.67	1.64	5	A
Alpha-BHC	ND		ug/kg	3.67	1.04	5	A
Beta-BHC	ND		ug/kg	8.81	3.34	5	A
Heptachlor	ND		ug/kg	4.40	1.97	5	A
Aldrin	ND		ug/kg	8.81	3.10	5	A
Endrin	ND		ug/kg	3.67	1.50	5	A
Dieldrin	ND		ug/kg	5.50	2.75	5	A
4,4'-DDE	8.10	J	ug/kg	8.81	2.04	5	A
4,4'-DDD	ND		ug/kg	8.81	3.14	5	A
4,4'-DDT	12.5	JP	ug/kg	16.5	7.08	5	B
Endosulfan I	ND		ug/kg	8.81	2.08	5	A
Endosulfan II	ND		ug/kg	8.81	2.94	5	A
Endosulfan sulfate	ND		ug/kg	3.67	1.75	5	A
cis-Chlordane	3.38	JP	ug/kg	11.0	3.07	5	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	**25**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-05
Client ID: OSSB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 10:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 09:40
Analyst: JJW
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:53
Cleanup Method: EPA 3620B
Cleanup Date: 04/19/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.339	1	A
Lindane	ND		ug/kg	0.721	0.322	1	A
Alpha-BHC	ND		ug/kg	0.721	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.656	1	A
Heptachlor	ND		ug/kg	0.865	0.388	1	A
Aldrin	0.826	J	ug/kg	1.73	0.609	1	B
Endrin	ND		ug/kg	0.721	0.296	1	A
Dieldrin	8.28	P	ug/kg	1.08	0.541	1	B
4,4'-DDE	22.2		ug/kg	1.73	0.400	1	B
4,4'-DDD	6.94		ug/kg	1.73	0.617	1	B
4,4'-DDT	46.3		ug/kg	3.24	1.39	1	B
Endosulfan I	ND		ug/kg	1.73	0.409	1	A
Endosulfan II	ND		ug/kg	1.73	0.578	1	A
Endosulfan sulfate	ND		ug/kg	0.721	0.343	1	A
cis-Chlordane	4.62		ug/kg	2.16	0.603	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	107		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-06 D
Client ID: OSSB-2 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 10:39
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 12:46
Analyst: JJW
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:53
Cleanup Method: EPA 3620B
Cleanup Date: 04/19/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.87	1.74	5	A
Lindane	ND		ug/kg	3.69	1.65	5	A
Alpha-BHC	ND		ug/kg	3.69	1.05	5	A
Beta-BHC	ND		ug/kg	8.87	3.36	5	A
Heptachlor	ND		ug/kg	4.43	1.99	5	A
Aldrin	ND		ug/kg	8.87	3.12	5	A
Endrin	ND		ug/kg	3.69	1.51	5	A
Dieldrin	10.6		ug/kg	5.54	2.77	5	B
4,4'-DDE	9.94		ug/kg	8.87	2.05	5	A
4,4'-DDD	11.8		ug/kg	8.87	3.16	5	A
4,4'-DDT	18.2		ug/kg	16.6	7.13	5	B
Endosulfan I	ND		ug/kg	8.87	2.09	5	A
Endosulfan II	ND		ug/kg	8.87	2.96	5	A
Endosulfan sulfate	ND		ug/kg	3.69	1.76	5	A
cis-Chlordane	3.22	JP	ug/kg	11.1	3.09	5	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-07 D
Client ID: OSSB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 12:57
Analyst: JJW
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:53
Cleanup Method: EPA 3620B
Cleanup Date: 04/19/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.86	1.73	5	A
Lindane	ND		ug/kg	3.69	1.65	5	A
Alpha-BHC	ND		ug/kg	3.69	1.05	5	A
Beta-BHC	ND		ug/kg	8.86	3.36	5	A
Heptachlor	ND		ug/kg	4.43	1.98	5	A
Aldrin	ND		ug/kg	8.86	3.12	5	A
Endrin	ND		ug/kg	3.69	1.51	5	A
Dieldrin	ND		ug/kg	5.54	2.77	5	A
4,4'-DDE	9.74		ug/kg	8.86	2.05	5	B
4,4'-DDD	65.2		ug/kg	8.86	3.16	5	B
4,4'-DDT	ND		ug/kg	16.6	7.12	5	A
Endosulfan I	ND		ug/kg	8.86	2.09	5	A
Endosulfan II	ND		ug/kg	8.86	2.96	5	A
Endosulfan sulfate	ND		ug/kg	3.69	1.76	5	A
cis-Chlordane	7.61	J	ug/kg	11.1	3.08	5	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	**25**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-08
Client ID: OSSB-1 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:19
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 09:51
Analyst: JJW
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:53
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	A
Lindane	ND		ug/kg	0.779	0.348	1	A
Alpha-BHC	ND		ug/kg	0.779	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.709	1	A
Heptachlor	ND		ug/kg	0.935	0.419	1	A
Aldrin	ND		ug/kg	1.87	0.658	1	A
Endrin	ND		ug/kg	0.779	0.319	1	A
Dieldrin	ND		ug/kg	1.17	0.584	1	A
4,4'-DDE	6.35		ug/kg	1.87	0.432	1	A
4,4'-DDD	20.1		ug/kg	1.87	0.667	1	A
4,4'-DDT	21.3	P	ug/kg	3.50	1.50	1	A
Endosulfan I	ND		ug/kg	1.87	0.442	1	A
Endosulfan II	ND		ug/kg	1.87	0.625	1	A
Endosulfan sulfate	ND		ug/kg	0.779	0.371	1	A
cis-Chlordane	5.74		ug/kg	2.34	0.651	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	107		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-09
Client ID: B1SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:50
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 10:02
Analyst: JJW
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:53
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.737	0.330	1	A
Alpha-BHC	ND		ug/kg	0.737	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.671	1	A
Heptachlor	ND		ug/kg	0.885	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.623	1	A
Endrin	ND		ug/kg	0.737	0.302	1	A
Dieldrin	ND		ug/kg	1.11	0.553	1	A
4,4'-DDE	10.1	P	ug/kg	1.77	0.409	1	A
4,4'-DDD	2.88		ug/kg	1.77	0.631	1	A
4,4'-DDT	11.8	IP	ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.591	1	A
Endosulfan sulfate	ND		ug/kg	0.737	0.351	1	A
cis-Chlordane	3.42		ug/kg	2.21	0.616	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	120		30-150	B

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-10
Client ID: B1SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 11:57
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 12:28
Analyst: JJW
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:53
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.758	0.339	1	A
Alpha-BHC	ND		ug/kg	0.758	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.689	1	A
Heptachlor	ND		ug/kg	0.909	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.640	1	A
Endrin	ND		ug/kg	0.758	0.311	1	A
Dieldrin	0.851	J	ug/kg	1.14	0.568	1	A
4,4'-DDE	8.51		ug/kg	1.82	0.420	1	B
4,4'-DDD	0.781	J	ug/kg	1.82	0.648	1	B
4,4'-DDT	16.3		ug/kg	3.41	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.608	1	A
Endosulfan sulfate	ND		ug/kg	0.758	0.361	1	A
cis-Chlordane	ND		ug/kg	2.27	0.633	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-11
Client ID: B2SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 10:14
Analyst: JJW
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:53
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.354	1	A
Lindane	ND		ug/kg	0.752	0.336	1	A
Alpha-BHC	ND		ug/kg	0.752	0.214	1	A
Beta-BHC	ND		ug/kg	1.80	0.684	1	A
Heptachlor	ND		ug/kg	0.902	0.405	1	A
Aldrin	ND		ug/kg	1.80	0.636	1	A
Endrin	ND		ug/kg	0.752	0.308	1	A
Dieldrin	ND		ug/kg	1.13	0.564	1	A
4,4'-DDE	24.0	IP	ug/kg	1.80	0.417	1	A
4,4'-DDD	8.72	P	ug/kg	1.80	0.644	1	A
4,4'-DDT	85.1		ug/kg	3.38	1.45	1	B
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.603	1	A
Endosulfan sulfate	ND		ug/kg	0.752	0.358	1	A
cis-Chlordane	11.5		ug/kg	2.26	0.629	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-12 D
Client ID: B2SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:19
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 12:39
Analyst: JJW
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:53
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	19.5	3.83	10	A
Lindane	ND		ug/kg	8.14	3.64	10	A
Alpha-BHC	ND		ug/kg	8.14	2.31	10	A
Beta-BHC	ND		ug/kg	19.5	7.41	10	A
Heptachlor	ND		ug/kg	9.77	4.38	10	A
Aldrin	ND		ug/kg	19.5	6.88	10	A
Endrin	ND		ug/kg	8.14	3.34	10	A
Dieldrin	ND		ug/kg	12.2	6.11	10	A
4,4'-DDE	29.9	P	ug/kg	19.5	4.52	10	A
4,4'-DDD	68.0		ug/kg	19.5	6.97	10	A
4,4'-DDT	25.7	JIP	ug/kg	36.6	15.7	10	B
Endosulfan I	ND		ug/kg	19.5	4.62	10	A
Endosulfan II	ND		ug/kg	19.5	6.53	10	A
Endosulfan sulfate	ND		ug/kg	8.14	3.88	10	A
cis-Chlordane	ND		ug/kg	24.4	6.81	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**2520**	Q	30-150	A
Decachlorobiphenyl	**21**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-13
Client ID: B3SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 10:58
Analyst: JJW
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:54
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.354	1	A
Lindane	ND		ug/kg	0.752	0.336	1	A
Alpha-BHC	ND		ug/kg	0.752	0.214	1	A
Beta-BHC	ND		ug/kg	1.80	0.685	1	A
Heptachlor	ND		ug/kg	0.903	0.405	1	A
Aldrin	ND		ug/kg	1.80	0.636	1	A
Endrin	ND		ug/kg	0.752	0.308	1	A
Dieldrin	ND		ug/kg	1.13	0.564	1	A
4,4'-DDE	ND		ug/kg	1.80	0.418	1	A
4,4'-DDD	ND		ug/kg	1.80	0.644	1	A
4,4'-DDT	ND		ug/kg	3.38	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.603	1	A
Endosulfan sulfate	ND		ug/kg	0.752	0.358	1	A
cis-Chlordane	ND		ug/kg	2.26	0.629	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	**24**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	118		30-150	B

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-14
Client ID: B3SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 12:57
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 11:10
Analyst: JJW
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:54
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.750	0.335	1	A
Alpha-BHC	ND		ug/kg	0.750	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.683	1	A
Heptachlor	ND		ug/kg	0.900	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.634	1	A
Endrin	ND		ug/kg	0.750	0.308	1	A
Dieldrin	ND		ug/kg	1.12	0.563	1	A
4,4'-DDE	ND		ug/kg	1.80	0.416	1	A
4,4'-DDD	23.5		ug/kg	1.80	0.642	1	B
4,4'-DDT	36.8	IP	ug/kg	3.38	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.750	0.357	1	A
cis-Chlordane	ND		ug/kg	2.25	0.627	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-15
Client ID: B3SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 13:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 10:36
Analyst: JJW
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:54
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.732	0.327	1	A
Alpha-BHC	ND		ug/kg	0.732	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.666	1	A
Heptachlor	ND		ug/kg	0.878	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.618	1	A
Endrin	ND		ug/kg	0.732	0.300	1	A
Dieldrin	ND		ug/kg	1.10	0.549	1	A
4,4'-DDE	7.20		ug/kg	1.76	0.406	1	A
4,4'-DDD	9.31		ug/kg	1.76	0.626	1	A
4,4'-DDT	25.3	P	ug/kg	3.29	1.41	1	B
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.587	1	A
Endosulfan sulfate	ND		ug/kg	0.732	0.348	1	A
cis-Chlordane	7.08		ug/kg	2.20	0.612	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-16
Client ID: B3SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/12/21 13:45
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 12:06
Analyst: JJW
Percent Solids: 63%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:54
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.51	0.492	1	A
Lindane	ND		ug/kg	1.05	0.468	1	A
Alpha-BHC	ND		ug/kg	1.05	0.298	1	A
Beta-BHC	ND		ug/kg	2.51	0.954	1	A
Heptachlor	ND		ug/kg	1.26	0.564	1	A
Aldrin	ND		ug/kg	2.51	0.885	1	A
Endrin	ND		ug/kg	1.05	0.430	1	A
Dieldrin	ND		ug/kg	1.57	0.786	1	A
4,4'-DDE	38.3		ug/kg	2.51	0.582	1	B
4,4'-DDD	90.3		ug/kg	2.51	0.897	1	B
4,4'-DDT	66.9		ug/kg	4.72	2.02	1	B
Endosulfan I	ND		ug/kg	2.51	0.594	1	A
Endosulfan II	ND		ug/kg	2.51	0.840	1	A
Endosulfan sulfate	ND		ug/kg	1.05	0.499	1	A
cis-Chlordane	5.78		ug/kg	3.14	0.876	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-17
Client ID: OSSB-3 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 12:17
Analyst: JJW
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:54
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.313	1	A
Lindane	ND		ug/kg	0.666	0.298	1	A
Alpha-BHC	ND		ug/kg	0.666	0.189	1	A
Beta-BHC	ND		ug/kg	1.60	0.606	1	A
Heptachlor	ND		ug/kg	0.800	0.358	1	A
Aldrin	ND		ug/kg	1.60	0.563	1	A
Endrin	ND		ug/kg	0.666	0.273	1	A
Dieldrin	4.37	P	ug/kg	1.00	0.500	1	B
4,4'-DDE	16.8		ug/kg	1.60	0.370	1	B
4,4'-DDD	12.0		ug/kg	1.60	0.570	1	A
4,4'-DDT	147	E	ug/kg	3.00	1.29	1	A
Endosulfan I	ND		ug/kg	1.60	0.378	1	A
Endosulfan II	ND		ug/kg	1.60	0.534	1	A
Endosulfan sulfate	ND		ug/kg	0.666	0.317	1	A
cis-Chlordane	5.34		ug/kg	2.00	0.557	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-17 D
Client ID: OSSB-3 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 15:11
Analyst: JJW
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:54
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	145		ug/kg	6.00	2.57	2	B

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-18
Client ID: OSSB-3 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:05
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 10:47
Analyst: JJW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:54
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.320	1	A
Lindane	ND		ug/kg	0.680	0.304	1	A
Alpha-BHC	ND		ug/kg	0.680	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.619	1	A
Heptachlor	ND		ug/kg	0.816	0.366	1	A
Aldrin	ND		ug/kg	1.63	0.575	1	A
Endrin	ND		ug/kg	0.680	0.279	1	A
Dieldrin	ND		ug/kg	1.02	0.510	1	A
4,4'-DDE	5.33		ug/kg	1.63	0.377	1	A
4,4'-DDD	2.33	P	ug/kg	1.63	0.582	1	A
4,4'-DDT	16.7		ug/kg	3.06	1.31	1	B
Endosulfan I	ND		ug/kg	1.63	0.386	1	A
Endosulfan II	ND		ug/kg	1.63	0.545	1	A
Endosulfan sulfate	ND		ug/kg	0.680	0.324	1	A
cis-Chlordane	3.42		ug/kg	2.04	0.568	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-19
Client ID: OSSB-4 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 11:21
Analyst: JJW
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:54
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.377	1	A
Lindane	ND		ug/kg	0.802	0.358	1	A
Alpha-BHC	ND		ug/kg	0.802	0.228	1	A
Beta-BHC	ND		ug/kg	1.92	0.730	1	A
Heptachlor	ND		ug/kg	0.962	0.432	1	A
Aldrin	ND		ug/kg	1.92	0.678	1	A
Endrin	ND		ug/kg	0.802	0.329	1	A
Dieldrin	ND		ug/kg	1.20	0.602	1	A
4,4'-DDE	7.01		ug/kg	1.92	0.445	1	A
4,4'-DDD	9.79		ug/kg	1.92	0.687	1	A
4,4'-DDT	17.0		ug/kg	3.61	1.55	1	A
Endosulfan I	ND		ug/kg	1.92	0.455	1	A
Endosulfan II	ND		ug/kg	1.92	0.643	1	A
Endosulfan sulfate	ND		ug/kg	0.802	0.382	1	A
cis-Chlordane	3.69	P	ug/kg	2.41	0.670	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-20
Client ID: OSSB-4 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 08:50
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 11:32
Analyst: JJW
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:54
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.770	0.344	1	A
Alpha-BHC	ND		ug/kg	0.770	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	ND		ug/kg	0.924	0.414	1	A
Aldrin	ND		ug/kg	1.85	0.651	1	A
Endrin	ND		ug/kg	0.770	0.316	1	A
Dieldrin	ND		ug/kg	1.15	0.577	1	A
4,4'-DDE	7.00		ug/kg	1.85	0.427	1	B
4,4'-DDD	11.7		ug/kg	1.85	0.659	1	B
4,4'-DDT	16.2		ug/kg	3.46	1.49	1	B
Endosulfan I	ND		ug/kg	1.85	0.436	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.770	0.366	1	A
cis-Chlordane	2.85	P	ug/kg	2.31	0.644	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-21 D
Client ID: B4SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 12:13
Analyst: JJW
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	16.9	3.31	10	A
Lindane	ND		ug/kg	7.04	3.15	10	A
Alpha-BHC	ND		ug/kg	7.04	2.00	10	A
Beta-BHC	ND		ug/kg	16.9	6.41	10	A
Heptachlor	ND		ug/kg	8.45	3.79	10	A
Aldrin	ND		ug/kg	16.9	5.95	10	A
Endrin	ND		ug/kg	7.04	2.89	10	A
Dieldrin	ND		ug/kg	10.6	5.28	10	A
4,4'-DDE	ND		ug/kg	16.9	3.91	10	A
4,4'-DDD	ND		ug/kg	16.9	6.03	10	A
4,4'-DDT	ND		ug/kg	31.7	13.6	10	A
Endosulfan I	ND		ug/kg	16.9	3.99	10	A
Endosulfan II	ND		ug/kg	16.9	5.65	10	A
Endosulfan sulfate	ND		ug/kg	7.04	3.35	10	A
cis-Chlordane	ND		ug/kg	21.1	5.89	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	**10**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-22 D
Client ID: B4SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 13:08
Analyst: JJW
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.73	1.71	5	A
Lindane	ND		ug/kg	3.64	1.62	5	A
Alpha-BHC	ND		ug/kg	3.64	1.03	5	A
Beta-BHC	ND		ug/kg	8.73	3.31	5	A
Heptachlor	ND		ug/kg	4.36	1.96	5	A
Aldrin	ND		ug/kg	8.73	3.07	5	A
Endrin	ND		ug/kg	3.64	1.49	5	A
Dieldrin	ND		ug/kg	5.46	2.73	5	A
4,4'-DDE	7.87	J	ug/kg	8.73	2.02	5	A
4,4'-DDD	9.67		ug/kg	8.73	3.11	5	A
4,4'-DDT	15.3	JP	ug/kg	16.4	7.02	5	B
Endosulfan I	ND		ug/kg	8.73	2.06	5	A
Endosulfan II	ND		ug/kg	8.73	2.92	5	A
Endosulfan sulfate	ND		ug/kg	3.64	1.73	5	A
cis-Chlordane	3.25	JP	ug/kg	10.9	3.04	5	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-23 D
Client ID: B5SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 12:02
Analyst: JJW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	16.9	3.31	10	A
Lindane	ND		ug/kg	7.04	3.15	10	A
Alpha-BHC	ND		ug/kg	7.04	2.00	10	A
Beta-BHC	ND		ug/kg	16.9	6.41	10	A
Heptachlor	ND		ug/kg	8.45	3.79	10	A
Aldrin	ND		ug/kg	16.9	5.95	10	A
Endrin	ND		ug/kg	7.04	2.89	10	A
Dieldrin	ND		ug/kg	10.6	5.28	10	A
4,4'-DDE	20.9		ug/kg	16.9	3.91	10	B
4,4'-DDD	29.2		ug/kg	16.9	6.03	10	B
4,4'-DDT	27.4	JP	ug/kg	31.7	13.6	10	B
Endosulfan I	ND		ug/kg	16.9	3.99	10	A
Endosulfan II	ND		ug/kg	16.9	5.65	10	A
Endosulfan sulfate	ND		ug/kg	7.04	3.35	10	A
cis-Chlordane	ND		ug/kg	21.1	5.89	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	126		30-150	A
Decachlorobiphenyl	**23**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-24 D
Client ID: B5SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 10:50
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 13:19
Analyst: JJW
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	9.21	1.80	5	A
Lindane	ND		ug/kg	3.84	1.71	5	A
Alpha-BHC	ND		ug/kg	3.84	1.09	5	A
Beta-BHC	ND		ug/kg	9.21	3.49	5	A
Heptachlor	ND		ug/kg	4.60	2.06	5	A
Aldrin	ND		ug/kg	9.21	3.24	5	A
Endrin	ND		ug/kg	3.84	1.57	5	A
Dieldrin	ND		ug/kg	5.75	2.88	5	A
4,4'-DDE	8.54	J	ug/kg	9.21	2.13	5	A
4,4'-DDD	16.3		ug/kg	9.21	3.28	5	B
4,4'-DDT	ND		ug/kg	17.3	7.40	5	A
Endosulfan I	ND		ug/kg	9.21	2.18	5	A
Endosulfan II	ND		ug/kg	9.21	3.08	5	A
Endosulfan sulfate	ND		ug/kg	3.84	1.82	5	A
cis-Chlordane	ND		ug/kg	11.5	3.21	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	139		30-150	A
Decachlorobiphenyl	**18**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-25 D
Client ID: B4SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 11:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 13:30
Analyst: JJW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.29	1.62	5	A
Lindane	ND		ug/kg	3.45	1.54	5	A
Alpha-BHC	ND		ug/kg	3.45	0.981	5	A
Beta-BHC	ND		ug/kg	8.29	3.14	5	A
Heptachlor	ND		ug/kg	4.14	1.86	5	A
Aldrin	ND		ug/kg	8.29	2.92	5	A
Endrin	ND		ug/kg	3.45	1.42	5	A
Dieldrin	ND		ug/kg	5.18	2.59	5	A
4,4'-DDE	ND		ug/kg	8.29	1.92	5	A
4,4'-DDD	ND		ug/kg	8.29	2.96	5	A
4,4'-DDT	ND		ug/kg	15.5	6.66	5	A
Endosulfan I	ND		ug/kg	8.29	1.96	5	A
Endosulfan II	ND		ug/kg	8.29	2.77	5	A
Endosulfan sulfate	ND		ug/kg	3.45	1.64	5	A
cis-Chlordane	ND		ug/kg	10.4	2.89	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	**21**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-26
Client ID: B4SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 11:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 09:53
Analyst: SDC
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.338	1	A
Lindane	ND		ug/kg	0.719	0.321	1	A
Alpha-BHC	ND		ug/kg	0.719	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.654	1	A
Heptachlor	ND		ug/kg	0.862	0.387	1	A
Aldrin	ND		ug/kg	1.72	0.607	1	A
Endrin	ND		ug/kg	0.719	0.295	1	A
Dieldrin	ND		ug/kg	1.08	0.539	1	A
4,4'-DDE	11.0		ug/kg	1.72	0.399	1	A
4,4'-DDD	36.0		ug/kg	1.72	0.615	1	A
4,4'-DDT	26.8		ug/kg	3.23	1.39	1	B
Endosulfan I	ND		ug/kg	1.72	0.407	1	A
Endosulfan II	ND		ug/kg	1.72	0.576	1	A
Endosulfan sulfate	ND		ug/kg	0.719	0.342	1	A
cis-Chlordane	ND		ug/kg	2.16	0.601	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	**152**	Q	30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-27 D
Client ID: B5SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 13:40
Analyst: JJW
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.83	1.73	5	A
Lindane	ND		ug/kg	3.68	1.64	5	A
Alpha-BHC	ND		ug/kg	3.68	1.04	5	A
Beta-BHC	ND		ug/kg	8.83	3.35	5	A
Heptachlor	ND		ug/kg	4.42	1.98	5	A
Aldrin	ND		ug/kg	8.83	3.11	5	A
Endrin	ND		ug/kg	3.68	1.51	5	A
Dieldrin	ND		ug/kg	5.52	2.76	5	A
4,4'-DDE	ND		ug/kg	8.83	2.04	5	A
4,4'-DDD	39.9		ug/kg	8.83	3.15	5	B
4,4'-DDT	ND		ug/kg	16.6	7.10	5	A
Endosulfan I	ND		ug/kg	8.83	2.09	5	A
Endosulfan II	ND		ug/kg	8.83	2.95	5	A
Endosulfan sulfate	ND		ug/kg	3.68	1.75	5	A
cis-Chlordane	ND		ug/kg	11.0	3.08	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-28
Client ID: B5SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 10:04
Analyst: SDC
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.731	0.327	1	A
Alpha-BHC	ND		ug/kg	0.731	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.665	1	A
Heptachlor	ND		ug/kg	0.878	0.393	1	A
Aldrin	ND		ug/kg	1.76	0.618	1	A
Endrin	ND		ug/kg	0.731	0.300	1	A
Dieldrin	ND		ug/kg	1.10	0.548	1	A
4,4'-DDE	10.6		ug/kg	1.76	0.406	1	B
4,4'-DDD	ND		ug/kg	1.76	0.626	1	A
4,4'-DDT	22.6	P	ug/kg	3.29	1.41	1	B
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.586	1	A
Endosulfan sulfate	ND		ug/kg	0.731	0.348	1	A
cis-Chlordane	ND		ug/kg	2.19	0.611	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	**446**	Q	30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-29 D
Client ID: OSSB-6 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 13:51
Analyst: JJW
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.79	1.72	5	A
Lindane	ND		ug/kg	3.66	1.64	5	A
Alpha-BHC	ND		ug/kg	3.66	1.04	5	A
Beta-BHC	ND		ug/kg	8.79	3.33	5	A
Heptachlor	ND		ug/kg	4.39	1.97	5	A
Aldrin	ND		ug/kg	8.79	3.09	5	A
Endrin	ND		ug/kg	3.66	1.50	5	A
Dieldrin	ND		ug/kg	5.49	2.75	5	A
4,4'-DDE	ND		ug/kg	8.79	2.03	5	A
4,4'-DDD	16.3	IP	ug/kg	8.79	3.13	5	B
4,4'-DDT	ND		ug/kg	16.5	7.07	5	A
Endosulfan I	ND		ug/kg	8.79	2.08	5	A
Endosulfan II	ND		ug/kg	8.79	2.94	5	A
Endosulfan sulfate	ND		ug/kg	3.66	1.74	5	A
cis-Chlordane	ND		ug/kg	11.0	3.06	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	**27**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-30 D
Client ID: OSSB-6 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 12:49
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 11:51
Analyst: JJW
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	17.0	3.33	10	A
Lindane	ND		ug/kg	7.09	3.17	10	A
Alpha-BHC	ND		ug/kg	7.09	2.01	10	A
Beta-BHC	ND		ug/kg	17.0	6.45	10	A
Heptachlor	ND		ug/kg	8.51	3.82	10	A
Aldrin	ND		ug/kg	17.0	5.99	10	A
Endrin	ND		ug/kg	7.09	2.91	10	A
Dieldrin	ND		ug/kg	10.6	5.32	10	A
4,4'-DDE	17.1		ug/kg	17.0	3.94	10	A
4,4'-DDD	9.55	J	ug/kg	17.0	6.07	10	A
4,4'-DDT	26.2	JP	ug/kg	31.9	13.7	10	B
Endosulfan I	ND		ug/kg	17.0	4.02	10	A
Endosulfan II	ND		ug/kg	17.0	5.69	10	A
Endosulfan sulfate	ND		ug/kg	7.09	3.38	10	A
cis-Chlordane	ND		ug/kg	21.3	5.93	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	121		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-31 D
Client ID: OSSB-5 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 13:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 11:40
Analyst: JJW
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	16.7	3.27	10	A
Lindane	ND		ug/kg	6.96	3.11	10	A
Alpha-BHC	ND		ug/kg	6.96	1.98	10	A
Beta-BHC	ND		ug/kg	16.7	6.34	10	A
Heptachlor	ND		ug/kg	8.36	3.75	10	A
Aldrin	ND		ug/kg	16.7	5.89	10	A
Endrin	ND		ug/kg	6.96	2.86	10	A
Dieldrin	ND		ug/kg	10.4	5.22	10	A
4,4'-DDE	ND		ug/kg	16.7	3.86	10	A
4,4'-DDD	ND		ug/kg	16.7	5.96	10	A
4,4'-DDT	ND		ug/kg	31.3	13.4	10	B
Endosulfan I	ND		ug/kg	16.7	3.95	10	A
Endosulfan II	ND		ug/kg	16.7	5.59	10	A
Endosulfan sulfate	ND		ug/kg	6.96	3.32	10	A
cis-Chlordane	ND		ug/kg	20.9	5.82	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	**6**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-32 D
Client ID: OSSB-5 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/13/21 13:10
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 11:29
Analyst: JJW
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	17.2	3.37	10	A
Lindane	ND		ug/kg	7.16	3.20	10	A
Alpha-BHC	ND		ug/kg	7.16	2.03	10	A
Beta-BHC	ND		ug/kg	17.2	6.52	10	A
Heptachlor	ND		ug/kg	8.59	3.85	10	A
Aldrin	ND		ug/kg	17.2	6.05	10	A
Endrin	ND		ug/kg	7.16	2.94	10	A
Dieldrin	ND		ug/kg	10.7	5.37	10	A
4,4'-DDE	ND		ug/kg	17.2	3.97	10	A
4,4'-DDD	ND		ug/kg	17.2	6.13	10	A
4,4'-DDT	ND		ug/kg	32.2	13.8	10	A
Endosulfan I	ND		ug/kg	17.2	4.06	10	A
Endosulfan II	ND		ug/kg	17.2	5.74	10	A
Endosulfan sulfate	ND		ug/kg	7.16	3.41	10	A
cis-Chlordane	ND		ug/kg	21.5	5.99	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	**14**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-33 D
Client ID: B6SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:00
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 11:18
Analyst: JJW
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:17
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	17.0	3.33	10	A
Lindane	ND		ug/kg	7.09	3.17	10	A
Alpha-BHC	ND		ug/kg	7.09	2.01	10	A
Beta-BHC	ND		ug/kg	17.0	6.45	10	A
Heptachlor	ND		ug/kg	8.51	3.81	10	A
Aldrin	ND		ug/kg	17.0	5.99	10	A
Endrin	ND		ug/kg	7.09	2.91	10	A
Dieldrin	ND		ug/kg	10.6	5.32	10	A
4,4'-DDE	ND		ug/kg	17.0	3.93	10	A
4,4'-DDD	ND		ug/kg	17.0	6.07	10	A
4,4'-DDT	ND		ug/kg	31.9	13.7	10	A
Endosulfan I	ND		ug/kg	17.0	4.02	10	A
Endosulfan II	ND		ug/kg	17.0	5.69	10	A
Endosulfan sulfate	ND		ug/kg	7.09	3.37	10	A
cis-Chlordane	ND		ug/kg	21.3	5.93	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	**21**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-34
Client ID: B6SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:15
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 10:26
Analyst: SDC
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:17
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.684	0.306	1	A
Alpha-BHC	ND		ug/kg	0.684	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.623	1	A
Heptachlor	ND		ug/kg	0.821	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.578	1	A
Endrin	ND		ug/kg	0.684	0.281	1	A
Dieldrin	ND		ug/kg	1.03	0.513	1	A
4,4'-DDE	ND		ug/kg	1.64	0.380	1	A
4,4'-DDD	ND		ug/kg	1.64	0.586	1	A
4,4'-DDT	2.24	JIP	ug/kg	3.08	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.549	1	A
Endosulfan sulfate	ND		ug/kg	0.684	0.326	1	A
cis-Chlordane	ND		ug/kg	2.05	0.572	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	**573**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	**608**	Q	30-150	B

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-35 D
Client ID: OSSB-7 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:21
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 11:07
Analyst: JJW
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:17
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	18.1	3.55	10	A
Lindane	ND		ug/kg	7.55	3.38	10	A
Alpha-BHC	ND		ug/kg	7.55	2.14	10	A
Beta-BHC	ND		ug/kg	18.1	6.87	10	A
Heptachlor	ND		ug/kg	9.06	4.06	10	A
Aldrin	ND		ug/kg	18.1	6.38	10	A
Endrin	ND		ug/kg	7.55	3.10	10	A
Dieldrin	ND		ug/kg	11.3	5.67	10	A
4,4'-DDE	32.3		ug/kg	18.1	4.19	10	A
4,4'-DDD	19.7		ug/kg	18.1	6.47	10	A
4,4'-DDT	186		ug/kg	34.0	14.6	10	B
Endosulfan I	ND		ug/kg	18.1	4.28	10	A
Endosulfan II	ND		ug/kg	18.1	6.06	10	A
Endosulfan sulfate	ND		ug/kg	7.55	3.60	10	A
cis-Chlordane	ND		ug/kg	22.7	6.32	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	**27**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	121		30-150	B

Project Name: STEVENSON COMMONS
Lab Number: L2119400
Project Number: 13453
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-36 D
Client ID: OSSB-7 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 07:27
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 14:02
Analyst: JJW
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:17
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.70	1.70	5	A
Lindane	ND		ug/kg	3.63	1.62	5	A
Alpha-BHC	ND		ug/kg	3.63	1.03	5	A
Beta-BHC	ND		ug/kg	8.70	3.30	5	A
Heptachlor	ND		ug/kg	4.35	1.95	5	A
Aldrin	ND		ug/kg	8.70	3.06	5	A
Endrin	ND		ug/kg	3.63	1.49	5	A
Dieldrin	ND		ug/kg	5.44	2.72	5	A
4,4'-DDE	24.0		ug/kg	8.70	2.01	5	A
4,4'-DDD	17.9		ug/kg	8.70	3.10	5	A
4,4'-DDT	80.0		ug/kg	16.3	7.00	5	B
Endosulfan I	ND		ug/kg	8.70	2.06	5	A
Endosulfan II	ND		ug/kg	8.70	2.91	5	A
Endosulfan sulfate	ND		ug/kg	3.63	1.73	5	A
cis-Chlordane	7.36	J	ug/kg	10.9	3.03	5	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	150		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-37
Client ID: B6SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 08:30
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 10:15
Analyst: SDC
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:17
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.19	0.429	1	A
Lindane	ND		ug/kg	0.912	0.408	1	A
Alpha-BHC	ND		ug/kg	0.912	0.259	1	A
Beta-BHC	ND		ug/kg	2.19	0.830	1	A
Heptachlor	ND		ug/kg	1.09	0.491	1	A
Aldrin	ND		ug/kg	2.19	0.771	1	A
Endrin	ND		ug/kg	0.912	0.374	1	A
Dieldrin	ND		ug/kg	1.37	0.684	1	A
4,4'-DDE	9.36		ug/kg	2.19	0.506	1	A
4,4'-DDD	5.67		ug/kg	2.19	0.781	1	A
4,4'-DDT	7.87	IP	ug/kg	4.10	1.76	1	A
Endosulfan I	ND		ug/kg	2.19	0.517	1	A
Endosulfan II	ND		ug/kg	2.19	0.732	1	A
Endosulfan sulfate	ND		ug/kg	0.912	0.434	1	A
cis-Chlordane	8.26		ug/kg	2.74	0.763	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-38 D
Client ID: B6SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE

Date Collected: 04/14/21 08:40
Date Received: 04/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/20/21 10:56
Analyst: JJW
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:17
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	16.9	3.31	10	A
Lindane	ND		ug/kg	7.04	3.15	10	A
Alpha-BHC	ND		ug/kg	7.04	2.00	10	A
Beta-BHC	ND		ug/kg	16.9	6.41	10	A
Heptachlor	ND		ug/kg	8.45	3.79	10	A
Aldrin	ND		ug/kg	16.9	5.95	10	A
Endrin	ND		ug/kg	7.04	2.89	10	A
Dieldrin	ND		ug/kg	10.6	5.28	10	A
4,4'-DDE	ND		ug/kg	16.9	3.91	10	A
4,4'-DDD	ND		ug/kg	16.9	6.03	10	A
4,4'-DDT	ND		ug/kg	31.7	13.6	10	A
Endosulfan I	ND		ug/kg	16.9	3.99	10	A
Endosulfan II	ND		ug/kg	16.9	5.65	10	A
Endosulfan sulfate	ND		ug/kg	7.04	3.35	10	A
cis-Chlordane	ND		ug/kg	21.1	5.89	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	**18**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/20/21 09:06
Analyst: JJW

Extraction Method: EPA 3546
Extraction Date: 04/19/21 10:53
Cleanup Method: EPA 3620B
Cleanup Date: 04/19/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-20 Batch: WG1487922-1						
Delta-BHC	ND		ug/kg	1.56	0.305	A
Lindane	ND		ug/kg	0.649	0.290	A
Alpha-BHC	ND		ug/kg	0.649	0.184	A
Beta-BHC	ND		ug/kg	1.56	0.591	A
Heptachlor	ND		ug/kg	0.779	0.349	A
Aldrin	ND		ug/kg	1.56	0.549	A
Endrin	ND		ug/kg	0.649	0.266	A
Dieldrin	ND		ug/kg	0.974	0.487	A
4,4'-DDE	ND		ug/kg	1.56	0.360	A
4,4'-DDD	ND		ug/kg	1.56	0.556	A
4,4'-DDT	ND		ug/kg	2.92	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.368	A
Endosulfan II	ND		ug/kg	1.56	0.521	A
Endosulfan sulfate	ND		ug/kg	0.649	0.309	A
cis-Chlordane	ND		ug/kg	1.95	0.543	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/20/21 09:09
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 04/19/21 13:16
Cleanup Method: EPA 3620B
Cleanup Date: 04/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 21-38 Batch: WG1487989-1						
Delta-BHC	ND		ug/kg	1.57	0.307	A
Lindane	ND		ug/kg	0.653	0.292	A
Alpha-BHC	ND		ug/kg	0.653	0.185	A
Beta-BHC	ND		ug/kg	1.57	0.594	A
Heptachlor	ND		ug/kg	0.784	0.351	A
Aldrin	ND		ug/kg	1.57	0.552	A
Endrin	ND		ug/kg	0.653	0.268	A
Dieldrin	ND		ug/kg	0.980	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.362	A
4,4'-DDD	ND		ug/kg	1.57	0.559	A
4,4'-DDT	ND		ug/kg	2.94	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.370	A
Endosulfan II	ND		ug/kg	1.57	0.524	A
Endosulfan sulfate	ND		ug/kg	0.653	0.311	A
cis-Chlordane	ND		ug/kg	1.96	0.546	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	78		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-20 Batch: WG1487922-2 WG1487922-3									
Delta-BHC	86		94		30-150	9		30	A
Lindane	80		86		30-150	7		30	A
Alpha-BHC	83		91		30-150	9		30	A
Beta-BHC	78		84		30-150	7		30	A
Heptachlor	79		88		30-150	11		30	A
Aldrin	76		83		30-150	9		30	A
Endrin	84		91		30-150	8		30	A
Dieldrin	83		90		30-150	8		30	A
4,4'-DDE	83		92		30-150	10		30	A
4,4'-DDD	95		104		30-150	9		30	A
4,4'-DDT	109		115		30-150	5		30	A
Endosulfan I	79		85		30-150	7		30	A
Endosulfan II	86		95		30-150	10		30	A
Endosulfan sulfate	70		74		30-150	6		30	A
cis-Chlordane	70		75		30-150	7		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		77		30-150	A
Decachlorobiphenyl	92		94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		75		30-150	B
Decachlorobiphenyl	98		104		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119400

Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 21-38 Batch: WG1487989-2 WG1487989-3									
Delta-BHC	76		78		30-150	3		30	A
Lindane	76		78		30-150	3		30	A
Alpha-BHC	79		82		30-150	4		30	A
Beta-BHC	76		80		30-150	5		30	A
Heptachlor	78		80		30-150	3		30	A
Aldrin	76		77		30-150	1		30	A
Endrin	77		80		30-150	4		30	A
Dieldrin	80		82		30-150	2		30	A
4,4'-DDE	76		75		30-150	1		30	A
4,4'-DDD	83		87		30-150	5		30	A
4,4'-DDT	89		90		30-150	1		30	A
Endosulfan I	72		74		30-150	3		30	A
Endosulfan II	78		80		30-150	3		30	A
Endosulfan sulfate	60		61		30-150	2		30	A
cis-Chlordane	74		77		30-150	4		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		79		30-150	A
Decachlorobiphenyl	74		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		78		30-150	B
Decachlorobiphenyl	78		76		30-150	B

METALS

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-01 Date Collected: 04/12/21 09:00

Client ID: B2SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	25.6		mg/kg	0.495	0.103	1	04/16/21 21:16	04/19/21 13:17	EPA 3050B	1,6010D	SV
Barium, Total	204		mg/kg	0.495	0.086	1	04/16/21 21:16	04/19/21 13:17	EPA 3050B	1,6010D	SV
Beryllium, Total	2.23		mg/kg	0.248	0.016	1	04/16/21 21:16	04/19/21 13:17	EPA 3050B	1,6010D	SV
Cadmium, Total	1.81		mg/kg	0.495	0.049	1	04/16/21 21:16	04/19/21 13:17	EPA 3050B	1,6010D	SV
Chromium, Total	72.8		mg/kg	0.495	0.048	1	04/16/21 21:16	04/19/21 13:17	EPA 3050B	1,6010D	SV
Copper, Total	44.3		mg/kg	0.495	0.128	1	04/16/21 21:16	04/19/21 13:17	EPA 3050B	1,6010D	SV
Lead, Total	71.7		mg/kg	2.48	0.133	1	04/16/21 21:16	04/19/21 13:17	EPA 3050B	1,6010D	SV
Manganese, Total	103		mg/kg	0.495	0.079	1	04/16/21 21:16	04/19/21 13:17	EPA 3050B	1,6010D	SV
Mercury, Total	1.15		mg/kg	0.087	0.057	1	04/16/21 21:54	04/17/21 12:36	EPA 7471B	1,7471B	NB
Nickel, Total	39.0		mg/kg	1.24	0.120	1	04/16/21 21:16	04/19/21 13:17	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	0.990	0.128	1	04/16/21 21:16	04/19/21 13:17	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.495	0.140	1	04/16/21 21:16	04/19/21 13:17	EPA 3050B	1,6010D	SV
Zinc, Total	80.4		mg/kg	2.48	0.145	1	04/16/21 21:16	04/19/21 13:17	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	73		mg/kg	1.0	1.1	1		04/20/21 02:33	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-02 Date Collected: 04/12/21 09:10

Client ID: B2SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.81		mg/kg	0.443	0.092	1	04/16/21 21:16	04/19/21 13:07	EPA 3050B	1,6010D	SV
Barium, Total	75.0		mg/kg	0.443	0.077	1	04/16/21 21:16	04/19/21 13:07	EPA 3050B	1,6010D	SV
Beryllium, Total	0.310		mg/kg	0.221	0.015	1	04/16/21 21:16	04/19/21 13:07	EPA 3050B	1,6010D	SV
Cadmium, Total	1.58		mg/kg	0.443	0.043	1	04/16/21 21:16	04/19/21 13:07	EPA 3050B	1,6010D	SV
Chromium, Total	60.8		mg/kg	0.443	0.043	1	04/16/21 21:16	04/19/21 13:07	EPA 3050B	1,6010D	SV
Copper, Total	89.4		mg/kg	0.443	0.114	1	04/16/21 21:16	04/19/21 13:07	EPA 3050B	1,6010D	SV
Lead, Total	2420		mg/kg	2.21	0.119	1	04/16/21 21:16	04/19/21 13:07	EPA 3050B	1,6010D	SV
Manganese, Total	236		mg/kg	0.443	0.070	1	04/16/21 21:16	04/19/21 13:07	EPA 3050B	1,6010D	SV
Mercury, Total	1.19		mg/kg	0.081	0.053	1	04/16/21 21:54	04/17/21 12:56	EPA 7471B	1,7471B	NB
Nickel, Total	18.7		mg/kg	1.11	0.107	1	04/16/21 21:16	04/19/21 13:07	EPA 3050B	1,6010D	SV
Selenium, Total	0.628	J	mg/kg	0.885	0.114	1	04/16/21 21:16	04/19/21 13:07	EPA 3050B	1,6010D	SV
Silver, Total	0.239	J	mg/kg	0.443	0.125	1	04/16/21 21:16	04/19/21 13:07	EPA 3050B	1,6010D	SV
Zinc, Total	438		mg/kg	2.21	0.130	1	04/16/21 21:16	04/19/21 13:07	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	60	J	mg/kg	0.92	0.92	1		04/20/21 02:35	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-03 Date Collected: 04/12/21 09:40

Client ID: B1SB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.52		mg/kg	0.432	0.090	1	04/16/21 21:16	04/19/21 13:12	EPA 3050B	1,6010D	SV
Barium, Total	201		mg/kg	0.432	0.075	1	04/16/21 21:16	04/19/21 13:12	EPA 3050B	1,6010D	SV
Beryllium, Total	0.203	J	mg/kg	0.216	0.014	1	04/16/21 21:16	04/19/21 13:12	EPA 3050B	1,6010D	SV
Cadmium, Total	1.44		mg/kg	0.432	0.042	1	04/16/21 21:16	04/19/21 13:12	EPA 3050B	1,6010D	SV
Chromium, Total	15.4		mg/kg	0.432	0.041	1	04/16/21 21:16	04/19/21 13:12	EPA 3050B	1,6010D	SV
Copper, Total	45.9		mg/kg	0.432	0.111	1	04/16/21 21:16	04/19/21 13:12	EPA 3050B	1,6010D	SV
Lead, Total	170		mg/kg	2.16	0.116	1	04/16/21 21:16	04/19/21 13:12	EPA 3050B	1,6010D	SV
Manganese, Total	249		mg/kg	0.432	0.069	1	04/16/21 21:16	04/19/21 13:12	EPA 3050B	1,6010D	SV
Mercury, Total	0.454		mg/kg	0.074	0.049	1	04/16/21 21:54	04/17/21 12:59	EPA 7471B	1,7471B	NB
Nickel, Total	13.0		mg/kg	1.08	0.104	1	04/16/21 21:16	04/19/21 13:12	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	0.863	0.111	1	04/16/21 21:16	04/19/21 13:12	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.432	0.122	1	04/16/21 21:16	04/19/21 13:12	EPA 3050B	1,6010D	SV
Zinc, Total	165		mg/kg	2.16	0.126	1	04/16/21 21:16	04/19/21 13:12	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	15		mg/kg	0.90	0.90	1		04/20/21 02:35	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-04 Date Collected: 04/12/21 09:41

Client ID: B1SB-1 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.63		mg/kg	0.434	0.090	1	04/16/21 21:16	04/19/21 14:10	EPA 3050B	1,6010D	SV
Barium, Total	204		mg/kg	0.434	0.076	1	04/16/21 21:16	04/19/21 14:10	EPA 3050B	1,6010D	SV
Beryllium, Total	0.282		mg/kg	0.217	0.014	1	04/16/21 21:16	04/19/21 14:10	EPA 3050B	1,6010D	SV
Cadmium, Total	1.25		mg/kg	0.434	0.043	1	04/16/21 21:16	04/19/21 14:10	EPA 3050B	1,6010D	SV
Chromium, Total	26.6		mg/kg	0.434	0.042	1	04/16/21 21:16	04/19/21 14:10	EPA 3050B	1,6010D	SV
Copper, Total	50.9		mg/kg	0.434	0.112	1	04/16/21 21:16	04/19/21 14:10	EPA 3050B	1,6010D	SV
Lead, Total	242		mg/kg	2.17	0.116	1	04/16/21 21:16	04/19/21 14:10	EPA 3050B	1,6010D	SV
Manganese, Total	221		mg/kg	0.434	0.069	1	04/16/21 21:16	04/19/21 14:10	EPA 3050B	1,6010D	SV
Mercury, Total	0.381		mg/kg	0.073	0.047	1	04/16/21 21:54	04/17/21 13:02	EPA 7471B	1,7471B	NB
Nickel, Total	36.6		mg/kg	1.09	0.105	1	04/16/21 21:16	04/19/21 14:10	EPA 3050B	1,6010D	SV
Selenium, Total	0.191	J	mg/kg	0.869	0.112	1	04/16/21 21:16	04/19/21 14:10	EPA 3050B	1,6010D	SV
Silver, Total	0.235	J	mg/kg	0.434	0.123	1	04/16/21 21:16	04/19/21 14:10	EPA 3050B	1,6010D	SV
Zinc, Total	452		mg/kg	2.17	0.127	1	04/16/21 21:16	04/19/21 14:10	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	26	J	mg/kg	0.90	0.90	1		04/20/21 02:35	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-05 Date Collected: 04/12/21 10:30

Client ID: OSSB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.20		mg/kg	0.435	0.090	1	04/16/21 21:16	04/19/21 14:15	EPA 3050B	1,6010D	SV
Barium, Total	202		mg/kg	0.435	0.076	1	04/16/21 21:16	04/19/21 14:15	EPA 3050B	1,6010D	SV
Beryllium, Total	0.161	J	mg/kg	0.217	0.014	1	04/16/21 21:16	04/19/21 14:15	EPA 3050B	1,6010D	SV
Cadmium, Total	1.90		mg/kg	0.435	0.043	1	04/16/21 21:16	04/19/21 14:15	EPA 3050B	1,6010D	SV
Chromium, Total	31.3		mg/kg	0.435	0.042	1	04/16/21 21:16	04/19/21 14:15	EPA 3050B	1,6010D	SV
Copper, Total	52.1		mg/kg	0.435	0.112	1	04/16/21 21:16	04/19/21 14:15	EPA 3050B	1,6010D	SV
Lead, Total	294		mg/kg	2.17	0.116	1	04/16/21 21:16	04/19/21 14:15	EPA 3050B	1,6010D	SV
Manganese, Total	196		mg/kg	0.435	0.069	1	04/16/21 21:16	04/19/21 14:15	EPA 3050B	1,6010D	SV
Mercury, Total	0.127		mg/kg	0.078	0.051	1	04/16/21 21:54	04/17/21 13:05	EPA 7471B	1,7471B	NB
Nickel, Total	31.8		mg/kg	1.09	0.105	1	04/16/21 21:16	04/19/21 14:15	EPA 3050B	1,6010D	SV
Selenium, Total	0.161	J	mg/kg	0.870	0.112	1	04/16/21 21:16	04/19/21 14:15	EPA 3050B	1,6010D	SV
Silver, Total	0.291	J	mg/kg	0.435	0.123	1	04/16/21 21:16	04/19/21 14:15	EPA 3050B	1,6010D	SV
Zinc, Total	212		mg/kg	2.17	0.127	1	04/16/21 21:16	04/19/21 14:15	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	31	J	mg/kg	0.90	0.90	1		04/20/21 02:36	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-06 Date Collected: 04/12/21 10:39

Client ID: OSSB-2 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.53		mg/kg	0.422	0.088	1	04/16/21 21:16	04/19/21 14:20	EPA 3050B	1,6010D	SV
Barium, Total	242		mg/kg	0.422	0.073	1	04/16/21 21:16	04/19/21 14:20	EPA 3050B	1,6010D	SV
Beryllium, Total	0.202	J	mg/kg	0.211	0.014	1	04/16/21 21:16	04/19/21 14:20	EPA 3050B	1,6010D	SV
Cadmium, Total	2.69		mg/kg	0.422	0.041	1	04/16/21 21:16	04/19/21 14:20	EPA 3050B	1,6010D	SV
Chromium, Total	42.0		mg/kg	0.422	0.041	1	04/16/21 21:16	04/19/21 14:20	EPA 3050B	1,6010D	SV
Copper, Total	61.4		mg/kg	0.422	0.109	1	04/16/21 21:16	04/19/21 14:20	EPA 3050B	1,6010D	SV
Lead, Total	512		mg/kg	2.11	0.113	1	04/16/21 21:16	04/19/21 14:20	EPA 3050B	1,6010D	SV
Manganese, Total	272		mg/kg	0.422	0.067	1	04/16/21 21:16	04/19/21 14:20	EPA 3050B	1,6010D	SV
Mercury, Total	0.474		mg/kg	0.074	0.049	1	04/16/21 21:54	04/17/21 13:09	EPA 7471B	1,7471B	NB
Nickel, Total	34.7		mg/kg	1.05	0.102	1	04/16/21 21:16	04/19/21 14:20	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	0.843	0.109	1	04/16/21 21:16	04/19/21 14:20	EPA 3050B	1,6010D	SV
Silver, Total	0.126	J	mg/kg	0.422	0.119	1	04/16/21 21:16	04/19/21 14:20	EPA 3050B	1,6010D	SV
Zinc, Total	211		mg/kg	2.11	0.124	1	04/16/21 21:16	04/19/21 14:20	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	42		mg/kg	0.89	0.89	1		04/20/21 02:37	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-07 Date Collected: 04/12/21 11:15

Client ID: OSSB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	13.7		mg/kg	0.456	0.095	1	04/16/21 21:16	04/19/21 14:25	EPA 3050B	1,6010D	SV
Barium, Total	159		mg/kg	0.456	0.079	1	04/16/21 21:16	04/19/21 14:25	EPA 3050B	1,6010D	SV
Beryllium, Total	0.415		mg/kg	0.228	0.015	1	04/16/21 21:16	04/19/21 14:25	EPA 3050B	1,6010D	SV
Cadmium, Total	3.87		mg/kg	0.456	0.045	1	04/16/21 21:16	04/19/21 14:25	EPA 3050B	1,6010D	SV
Chromium, Total	68.7		mg/kg	0.456	0.044	1	04/16/21 21:16	04/19/21 14:25	EPA 3050B	1,6010D	SV
Copper, Total	439		mg/kg	0.456	0.118	1	04/16/21 21:16	04/19/21 14:25	EPA 3050B	1,6010D	SV
Lead, Total	881		mg/kg	2.28	0.122	1	04/16/21 21:16	04/19/21 14:25	EPA 3050B	1,6010D	SV
Manganese, Total	448		mg/kg	0.456	0.073	1	04/16/21 21:16	04/19/21 14:25	EPA 3050B	1,6010D	SV
Mercury, Total	1.30		mg/kg	0.081	0.053	1	04/16/21 21:54	04/17/21 13:12	EPA 7471B	1,7471B	NB
Nickel, Total	89.7		mg/kg	1.14	0.110	1	04/16/21 21:16	04/19/21 14:25	EPA 3050B	1,6010D	SV
Selenium, Total	0.607	J	mg/kg	0.912	0.118	1	04/16/21 21:16	04/19/21 14:25	EPA 3050B	1,6010D	SV
Silver, Total	1.43		mg/kg	0.456	0.129	1	04/16/21 21:16	04/19/21 14:25	EPA 3050B	1,6010D	SV
Zinc, Total	2240		mg/kg	11.4	0.668	5	04/16/21 21:16	04/19/21 16:19	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	69		mg/kg	0.91	0.91	1		04/20/21 02:37	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-08 Date Collected: 04/12/21 11:19

Client ID: OSSB-1 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	13.7		mg/kg	0.453	0.094	1	04/16/21 21:16	04/19/21 14:30	EPA 3050B	1,6010D	SV
Barium, Total	305		mg/kg	0.453	0.079	1	04/16/21 21:16	04/19/21 14:30	EPA 3050B	1,6010D	SV
Beryllium, Total	1.01		mg/kg	0.226	0.015	1	04/16/21 21:16	04/19/21 14:30	EPA 3050B	1,6010D	SV
Cadmium, Total	2.21		mg/kg	0.453	0.044	1	04/16/21 21:16	04/19/21 14:30	EPA 3050B	1,6010D	SV
Chromium, Total	45.9		mg/kg	0.453	0.044	1	04/16/21 21:16	04/19/21 14:30	EPA 3050B	1,6010D	SV
Copper, Total	214		mg/kg	0.453	0.117	1	04/16/21 21:16	04/19/21 14:30	EPA 3050B	1,6010D	SV
Lead, Total	634		mg/kg	2.26	0.121	1	04/16/21 21:16	04/19/21 14:30	EPA 3050B	1,6010D	SV
Manganese, Total	241		mg/kg	0.453	0.072	1	04/16/21 21:16	04/19/21 14:30	EPA 3050B	1,6010D	SV
Mercury, Total	1.23		mg/kg	0.079	0.051	1	04/16/21 21:54	04/17/21 13:15	EPA 7471B	1,7471B	NB
Nickel, Total	33.2		mg/kg	1.13	0.110	1	04/16/21 21:16	04/19/21 14:30	EPA 3050B	1,6010D	SV
Selenium, Total	0.371	J	mg/kg	0.906	0.117	1	04/16/21 21:16	04/19/21 14:30	EPA 3050B	1,6010D	SV
Silver, Total	0.661		mg/kg	0.453	0.128	1	04/16/21 21:16	04/19/21 14:30	EPA 3050B	1,6010D	SV
Zinc, Total	518		mg/kg	2.26	0.133	1	04/16/21 21:16	04/19/21 14:30	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	46		mg/kg	0.94	0.94	1		04/20/21 02:38	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-09 Date Collected: 04/12/21 11:50

Client ID: B1SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.33		mg/kg	0.433	0.090	1	04/16/21 21:16	04/19/21 15:59	EPA 3050B	1,6010D	SV
Barium, Total	178		mg/kg	0.433	0.075	1	04/16/21 21:16	04/19/21 15:59	EPA 3050B	1,6010D	SV
Beryllium, Total	0.212	J	mg/kg	0.216	0.014	1	04/16/21 21:16	04/19/21 15:59	EPA 3050B	1,6010D	SV
Cadmium, Total	3.28		mg/kg	0.433	0.042	1	04/16/21 21:16	04/19/21 15:59	EPA 3050B	1,6010D	SV
Chromium, Total	15.0		mg/kg	0.433	0.042	1	04/16/21 21:16	04/19/21 15:59	EPA 3050B	1,6010D	SV
Copper, Total	64.6		mg/kg	0.433	0.112	1	04/16/21 21:16	04/19/21 15:59	EPA 3050B	1,6010D	SV
Lead, Total	198		mg/kg	2.16	0.116	1	04/16/21 21:16	04/19/21 15:59	EPA 3050B	1,6010D	SV
Manganese, Total	214		mg/kg	0.433	0.069	1	04/16/21 21:16	04/19/21 15:59	EPA 3050B	1,6010D	SV
Mercury, Total	0.317		mg/kg	0.073	0.048	1	04/16/21 21:54	04/17/21 13:25	EPA 7471B	1,7471B	NB
Nickel, Total	16.1		mg/kg	1.08	0.105	1	04/16/21 21:16	04/19/21 15:59	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	0.865	0.112	1	04/16/21 21:16	04/19/21 15:59	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.433	0.122	1	04/16/21 21:16	04/19/21 15:59	EPA 3050B	1,6010D	SV
Zinc, Total	143		mg/kg	2.16	0.127	1	04/16/21 21:16	04/19/21 15:59	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	15		mg/kg	0.89	0.89	1		04/20/21 02:38	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-10 Date Collected: 04/12/21 11:57

Client ID: B1SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.66		mg/kg	0.463	0.096	1	04/16/21 21:16	04/19/21 16:04	EPA 3050B	1,6010D	SV
Barium, Total	139		mg/kg	0.463	0.081	1	04/16/21 21:16	04/19/21 16:04	EPA 3050B	1,6010D	SV
Beryllium, Total	0.403		mg/kg	0.231	0.015	1	04/16/21 21:16	04/19/21 16:04	EPA 3050B	1,6010D	SV
Cadmium, Total	1.52		mg/kg	0.463	0.045	1	04/16/21 21:16	04/19/21 16:04	EPA 3050B	1,6010D	SV
Chromium, Total	24.8		mg/kg	0.463	0.044	1	04/16/21 21:16	04/19/21 16:04	EPA 3050B	1,6010D	SV
Copper, Total	39.5		mg/kg	0.463	0.119	1	04/16/21 21:16	04/19/21 16:04	EPA 3050B	1,6010D	SV
Lead, Total	111		mg/kg	2.31	0.124	1	04/16/21 21:16	04/19/21 16:04	EPA 3050B	1,6010D	SV
Manganese, Total	266		mg/kg	0.463	0.074	1	04/16/21 21:16	04/19/21 16:04	EPA 3050B	1,6010D	SV
Mercury, Total	0.140		mg/kg	0.084	0.055	1	04/16/21 21:54	04/17/21 13:29	EPA 7471B	1,7471B	NB
Nickel, Total	16.6		mg/kg	1.16	0.112	1	04/16/21 21:16	04/19/21 16:04	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	0.926	0.119	1	04/16/21 21:16	04/19/21 16:04	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.463	0.131	1	04/16/21 21:16	04/19/21 16:04	EPA 3050B	1,6010D	SV
Zinc, Total	127		mg/kg	2.31	0.136	1	04/16/21 21:16	04/19/21 16:04	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	25		mg/kg	0.95	0.95	1		04/20/21 02:39	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-11 Date Collected: 04/12/21 12:15

Client ID: B2SB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.96		mg/kg	0.437	0.091	1	04/16/21 21:16	04/19/21 16:08	EPA 3050B	1,6010D	SV
Barium, Total	319		mg/kg	0.437	0.076	1	04/16/21 21:16	04/19/21 16:08	EPA 3050B	1,6010D	SV
Beryllium, Total	0.350		mg/kg	0.219	0.014	1	04/16/21 21:16	04/19/21 16:08	EPA 3050B	1,6010D	SV
Cadmium, Total	1.92		mg/kg	0.437	0.043	1	04/16/21 21:16	04/19/21 16:08	EPA 3050B	1,6010D	SV
Chromium, Total	19.4		mg/kg	0.437	0.042	1	04/16/21 21:16	04/19/21 16:08	EPA 3050B	1,6010D	SV
Copper, Total	362		mg/kg	0.437	0.113	1	04/16/21 21:16	04/19/21 16:08	EPA 3050B	1,6010D	SV
Lead, Total	563		mg/kg	2.19	0.117	1	04/16/21 21:16	04/19/21 16:08	EPA 3050B	1,6010D	SV
Manganese, Total	194		mg/kg	0.437	0.070	1	04/16/21 21:16	04/19/21 16:08	EPA 3050B	1,6010D	SV
Mercury, Total	0.477		mg/kg	0.079	0.051	1	04/16/21 21:54	04/17/21 13:32	EPA 7471B	1,7471B	NB
Nickel, Total	20.2		mg/kg	1.09	0.106	1	04/16/21 21:16	04/19/21 16:08	EPA 3050B	1,6010D	SV
Selenium, Total	0.162	J	mg/kg	0.875	0.113	1	04/16/21 21:16	04/19/21 16:08	EPA 3050B	1,6010D	SV
Silver, Total	0.319	J	mg/kg	0.437	0.124	1	04/16/21 21:16	04/19/21 16:08	EPA 3050B	1,6010D	SV
Zinc, Total	282		mg/kg	2.19	0.128	1	04/16/21 21:16	04/19/21 16:08	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	19		mg/kg	0.90	0.91	1		04/20/21 02:44	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-12 Date Collected: 04/12/21 12:19

Client ID: B2SB-1 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	18.1		mg/kg	0.490	0.102	1	04/16/21 21:16	04/19/21 16:33	EPA 3050B	1,6010D	SV
Barium, Total	173		mg/kg	0.490	0.085	1	04/16/21 21:16	04/19/21 16:33	EPA 3050B	1,6010D	SV
Beryllium, Total	0.592		mg/kg	0.245	0.016	1	04/16/21 21:16	04/19/21 16:33	EPA 3050B	1,6010D	SV
Cadmium, Total	11.6		mg/kg	0.490	0.048	1	04/16/21 21:16	04/19/21 16:33	EPA 3050B	1,6010D	SV
Chromium, Total	59.9		mg/kg	0.490	0.047	1	04/16/21 21:16	04/19/21 16:33	EPA 3050B	1,6010D	SV
Copper, Total	195		mg/kg	0.490	0.126	1	04/16/21 21:16	04/19/21 16:33	EPA 3050B	1,6010D	SV
Lead, Total	8060		mg/kg	12.2	0.656	5	04/16/21 21:16	04/19/21 17:18	EPA 3050B	1,6010D	SV
Manganese, Total	237		mg/kg	0.490	0.078	1	04/16/21 21:16	04/19/21 16:33	EPA 3050B	1,6010D	SV
Mercury, Total	0.716		mg/kg	0.085	0.055	1	04/16/21 21:54	04/17/21 13:35	EPA 7471B	1,7471B	NB
Nickel, Total	35.1		mg/kg	1.22	0.118	1	04/16/21 21:16	04/19/21 16:33	EPA 3050B	1,6010D	SV
Selenium, Total	1.43		mg/kg	0.979	0.126	1	04/16/21 21:16	04/19/21 16:33	EPA 3050B	1,6010D	SV
Silver, Total	1.60		mg/kg	0.490	0.138	1	04/16/21 21:16	04/19/21 16:33	EPA 3050B	1,6010D	SV
Zinc, Total	894		mg/kg	2.45	0.143	1	04/16/21 21:16	04/19/21 16:33	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	60		mg/kg	1.0	1.0	1		04/20/21 02:44	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-13 Date Collected: 04/12/21 12:40

Client ID: B3SB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.50		mg/kg	0.457	0.095	1	04/16/21 21:16	04/19/21 16:38	EPA 3050B	1,6010D	SV
Barium, Total	496		mg/kg	0.457	0.080	1	04/16/21 21:16	04/19/21 16:38	EPA 3050B	1,6010D	SV
Beryllium, Total	0.471		mg/kg	0.229	0.015	1	04/16/21 21:16	04/19/21 16:38	EPA 3050B	1,6010D	SV
Cadmium, Total	1.37		mg/kg	0.457	0.045	1	04/16/21 21:16	04/19/21 16:38	EPA 3050B	1,6010D	SV
Chromium, Total	30.9		mg/kg	0.457	0.044	1	04/16/21 21:16	04/19/21 16:38	EPA 3050B	1,6010D	SV
Copper, Total	54.0		mg/kg	0.457	0.118	1	04/16/21 21:16	04/19/21 16:38	EPA 3050B	1,6010D	SV
Lead, Total	804		mg/kg	2.29	0.122	1	04/16/21 21:16	04/19/21 16:38	EPA 3050B	1,6010D	SV
Manganese, Total	188		mg/kg	0.457	0.073	1	04/16/21 21:16	04/19/21 16:38	EPA 3050B	1,6010D	SV
Mercury, Total	0.612		mg/kg	0.081	0.053	1	04/16/21 21:54	04/17/21 13:38	EPA 7471B	1,7471B	NB
Nickel, Total	23.5		mg/kg	1.14	0.111	1	04/16/21 21:16	04/19/21 16:38	EPA 3050B	1,6010D	SV
Selenium, Total	0.128	J	mg/kg	0.914	0.118	1	04/16/21 21:16	04/19/21 16:38	EPA 3050B	1,6010D	SV
Silver, Total	0.206	J	mg/kg	0.457	0.129	1	04/16/21 21:16	04/19/21 16:38	EPA 3050B	1,6010D	SV
Zinc, Total	334		mg/kg	2.29	0.134	1	04/16/21 21:16	04/19/21 16:38	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	31		mg/kg	0.93	0.93	1		04/20/21 02:45	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-14 Date Collected: 04/12/21 12:57

Client ID: B3SB-1 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.78		mg/kg	0.423	0.088	1	04/16/21 21:16	04/19/21 16:43	EPA 3050B	1,6010D	SV
Barium, Total	339		mg/kg	0.423	0.074	1	04/16/21 21:16	04/19/21 16:43	EPA 3050B	1,6010D	SV
Beryllium, Total	0.355		mg/kg	0.212	0.014	1	04/16/21 21:16	04/19/21 16:43	EPA 3050B	1,6010D	SV
Cadmium, Total	2.31		mg/kg	0.423	0.041	1	04/16/21 21:16	04/19/21 16:43	EPA 3050B	1,6010D	SV
Chromium, Total	23.8		mg/kg	0.423	0.041	1	04/16/21 21:16	04/19/21 16:43	EPA 3050B	1,6010D	SV
Copper, Total	114		mg/kg	0.423	0.109	1	04/16/21 21:16	04/19/21 16:43	EPA 3050B	1,6010D	SV
Lead, Total	786		mg/kg	2.12	0.113	1	04/16/21 21:16	04/19/21 16:43	EPA 3050B	1,6010D	SV
Manganese, Total	238		mg/kg	0.423	0.067	1	04/16/21 21:16	04/19/21 16:43	EPA 3050B	1,6010D	SV
Mercury, Total	0.576		mg/kg	0.075	0.049	1	04/16/21 21:54	04/17/21 13:42	EPA 7471B	1,7471B	NB
Nickel, Total	31.5		mg/kg	1.06	0.102	1	04/16/21 21:16	04/19/21 16:43	EPA 3050B	1,6010D	SV
Selenium, Total	0.250	J	mg/kg	0.846	0.109	1	04/16/21 21:16	04/19/21 16:43	EPA 3050B	1,6010D	SV
Silver, Total	0.372	J	mg/kg	0.423	0.120	1	04/16/21 21:16	04/19/21 16:43	EPA 3050B	1,6010D	SV
Zinc, Total	570		mg/kg	2.12	0.124	1	04/16/21 21:16	04/19/21 16:43	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	24	J	mg/kg	0.90	0.90	1		04/20/21 02:45	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-15 Date Collected: 04/12/21 13:30

Client ID: B3SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.42		mg/kg	0.436	0.091	1	04/16/21 21:16	04/19/21 16:48	EPA 3050B	1,6010D	SV
Barium, Total	336		mg/kg	0.436	0.076	1	04/16/21 21:16	04/19/21 16:48	EPA 3050B	1,6010D	SV
Beryllium, Total	0.323		mg/kg	0.218	0.014	1	04/16/21 21:16	04/19/21 16:48	EPA 3050B	1,6010D	SV
Cadmium, Total	4.22		mg/kg	0.436	0.043	1	04/16/21 21:16	04/19/21 16:48	EPA 3050B	1,6010D	SV
Chromium, Total	36.7		mg/kg	0.436	0.042	1	04/16/21 21:16	04/19/21 16:48	EPA 3050B	1,6010D	SV
Copper, Total	71.9		mg/kg	0.436	0.112	1	04/16/21 21:16	04/19/21 16:48	EPA 3050B	1,6010D	SV
Lead, Total	310		mg/kg	2.18	0.117	1	04/16/21 21:16	04/19/21 16:48	EPA 3050B	1,6010D	SV
Manganese, Total	289		mg/kg	0.436	0.069	1	04/16/21 21:16	04/19/21 16:48	EPA 3050B	1,6010D	SV
Mercury, Total	0.507		mg/kg	0.077	0.050	1	04/16/21 21:54	04/17/21 13:45	EPA 7471B	1,7471B	NB
Nickel, Total	33.4		mg/kg	1.09	0.106	1	04/16/21 21:16	04/19/21 16:48	EPA 3050B	1,6010D	SV
Selenium, Total	0.183	J	mg/kg	0.873	0.112	1	04/16/21 21:16	04/19/21 16:48	EPA 3050B	1,6010D	SV
Silver, Total	0.179	J	mg/kg	0.436	0.123	1	04/16/21 21:16	04/19/21 16:48	EPA 3050B	1,6010D	SV
Zinc, Total	331		mg/kg	2.18	0.128	1	04/16/21 21:16	04/19/21 16:48	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	37		mg/kg	0.91	0.91	1		04/20/21 02:46	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-16 Date Collected: 04/12/21 13:45

Client ID: B3SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 63%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	14.1		mg/kg	0.622	0.129	1	04/16/21 21:16	04/19/21 16:53	EPA 3050B	1,6010D	SV
Barium, Total	132		mg/kg	0.622	0.108	1	04/16/21 21:16	04/19/21 16:53	EPA 3050B	1,6010D	SV
Beryllium, Total	0.410		mg/kg	0.311	0.021	1	04/16/21 21:16	04/19/21 16:53	EPA 3050B	1,6010D	SV
Cadmium, Total	8.23		mg/kg	0.622	0.061	1	04/16/21 21:16	04/19/21 16:53	EPA 3050B	1,6010D	SV
Chromium, Total	44.8		mg/kg	0.622	0.060	1	04/16/21 21:16	04/19/21 16:53	EPA 3050B	1,6010D	SV
Copper, Total	199		mg/kg	0.622	0.160	1	04/16/21 21:16	04/19/21 16:53	EPA 3050B	1,6010D	SV
Lead, Total	1790		mg/kg	15.5	0.833	5	04/16/21 21:16	04/19/21 18:12	EPA 3050B	1,6010D	SV
Manganese, Total	343		mg/kg	0.622	0.099	1	04/16/21 21:16	04/19/21 16:53	EPA 3050B	1,6010D	SV
Mercury, Total	1.61		mg/kg	0.109	0.071	1	04/16/21 21:54	04/17/21 13:48	EPA 7471B	1,7471B	NB
Nickel, Total	90.1		mg/kg	1.55	0.150	1	04/16/21 21:16	04/19/21 16:53	EPA 3050B	1,6010D	SV
Selenium, Total	1.07	J	mg/kg	1.24	0.160	1	04/16/21 21:16	04/19/21 16:53	EPA 3050B	1,6010D	SV
Silver, Total	1.09		mg/kg	0.622	0.176	1	04/16/21 21:16	04/19/21 16:53	EPA 3050B	1,6010D	SV
Zinc, Total	3160		mg/kg	15.5	0.910	5	04/16/21 21:16	04/19/21 18:12	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	45		mg/kg	1.3	1.3	1		04/20/21 02:47	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-17 Date Collected: 04/13/21 08:00

Client ID: OSSB-3 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.98		mg/kg	0.409	0.085	1	04/16/21 21:16	04/19/21 16:58	EPA 3050B	1,6010D	SV
Barium, Total	252		mg/kg	0.409	0.071	1	04/16/21 21:16	04/19/21 16:58	EPA 3050B	1,6010D	SV
Beryllium, Total	0.258		mg/kg	0.205	0.014	1	04/16/21 21:16	04/19/21 16:58	EPA 3050B	1,6010D	SV
Cadmium, Total	2.06		mg/kg	0.409	0.040	1	04/16/21 21:16	04/19/21 16:58	EPA 3050B	1,6010D	SV
Chromium, Total	50.2		mg/kg	0.409	0.039	1	04/16/21 21:16	04/19/21 16:58	EPA 3050B	1,6010D	SV
Copper, Total	49.9		mg/kg	0.409	0.106	1	04/16/21 21:16	04/19/21 16:58	EPA 3050B	1,6010D	SV
Lead, Total	511		mg/kg	2.05	0.110	1	04/16/21 21:16	04/19/21 16:58	EPA 3050B	1,6010D	SV
Manganese, Total	264		mg/kg	0.409	0.065	1	04/16/21 21:16	04/19/21 16:58	EPA 3050B	1,6010D	SV
Mercury, Total	0.268		mg/kg	0.071	0.047	1	04/16/21 21:54	04/17/21 13:52	EPA 7471B	1,7471B	NB
Nickel, Total	27.5		mg/kg	1.02	0.099	1	04/16/21 21:16	04/19/21 16:58	EPA 3050B	1,6010D	SV
Selenium, Total	0.115	J	mg/kg	0.819	0.106	1	04/16/21 21:16	04/19/21 16:58	EPA 3050B	1,6010D	SV
Silver, Total	1.71		mg/kg	0.409	0.116	1	04/16/21 21:16	04/19/21 16:58	EPA 3050B	1,6010D	SV
Zinc, Total	217		mg/kg	2.05	0.120	1	04/16/21 21:16	04/19/21 16:58	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	50	J	mg/kg	0.84	0.84	1		04/20/21 02:48	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-18 Date Collected: 04/13/21 08:05

Client ID: OSSB-3 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.60		mg/kg	0.398	0.083	1	04/16/21 21:16	04/19/21 15:49	EPA 3050B	1,6010D	SV
Barium, Total	245		mg/kg	0.398	0.069	1	04/16/21 21:16	04/19/21 15:49	EPA 3050B	1,6010D	SV
Beryllium, Total	0.215		mg/kg	0.199	0.013	1	04/16/21 21:16	04/19/21 15:49	EPA 3050B	1,6010D	SV
Cadmium, Total	1.58		mg/kg	0.398	0.039	1	04/16/21 21:16	04/19/21 15:49	EPA 3050B	1,6010D	SV
Chromium, Total	29.6		mg/kg	0.398	0.038	1	04/16/21 21:16	04/19/21 15:49	EPA 3050B	1,6010D	SV
Copper, Total	39.6		mg/kg	0.398	0.102	1	04/16/21 21:16	04/19/21 15:49	EPA 3050B	1,6010D	SV
Lead, Total	159		mg/kg	1.99	0.106	1	04/16/21 21:16	04/19/21 15:49	EPA 3050B	1,6010D	SV
Manganese, Total	189		mg/kg	0.398	0.063	1	04/16/21 21:16	04/19/21 15:49	EPA 3050B	1,6010D	SV
Mercury, Total	0.154		mg/kg	0.076	0.049	1	04/16/21 21:54	04/17/21 13:55	EPA 7471B	1,7471B	NB
Nickel, Total	20.7		mg/kg	0.994	0.096	1	04/16/21 21:16	04/19/21 15:49	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	0.795	0.102	1	04/16/21 21:16	04/19/21 15:49	EPA 3050B	1,6010D	SV
Silver, Total	0.203	J	mg/kg	0.398	0.112	1	04/16/21 21:16	04/19/21 15:49	EPA 3050B	1,6010D	SV
Zinc, Total	145		mg/kg	1.99	0.116	1	04/16/21 21:16	04/19/21 15:49	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	30		mg/kg	0.85	0.85	1		04/20/21 02:48	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-19 Date Collected: 04/13/21 08:40

Client ID: OSSB-4 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.10		mg/kg	0.476	0.099	1	04/16/21 21:16	04/19/21 15:54	EPA 3050B	1,6010D	SV
Barium, Total	204		mg/kg	0.476	0.083	1	04/16/21 21:16	04/19/21 15:54	EPA 3050B	1,6010D	SV
Beryllium, Total	0.300		mg/kg	0.238	0.016	1	04/16/21 21:16	04/19/21 15:54	EPA 3050B	1,6010D	SV
Cadmium, Total	1.58		mg/kg	0.476	0.047	1	04/16/21 21:16	04/19/21 15:54	EPA 3050B	1,6010D	SV
Chromium, Total	41.9		mg/kg	0.476	0.046	1	04/16/21 21:16	04/19/21 15:54	EPA 3050B	1,6010D	SV
Copper, Total	50.3		mg/kg	0.476	0.123	1	04/16/21 21:16	04/19/21 15:54	EPA 3050B	1,6010D	SV
Lead, Total	281		mg/kg	2.38	0.127	1	04/16/21 21:16	04/19/21 15:54	EPA 3050B	1,6010D	SV
Manganese, Total	220		mg/kg	0.476	0.076	1	04/16/21 21:16	04/19/21 15:54	EPA 3050B	1,6010D	SV
Mercury, Total	0.305		mg/kg	0.077	0.050	1	04/16/21 21:54	04/17/21 14:05	EPA 7471B	1,7471B	NB
Nickel, Total	17.2		mg/kg	1.19	0.115	1	04/16/21 21:16	04/19/21 15:54	EPA 3050B	1,6010D	SV
Selenium, Total	0.333	J	mg/kg	0.951	0.123	1	04/16/21 21:16	04/19/21 15:54	EPA 3050B	1,6010D	SV
Silver, Total	0.276	J	mg/kg	0.476	0.134	1	04/16/21 21:16	04/19/21 15:54	EPA 3050B	1,6010D	SV
Zinc, Total	231		mg/kg	2.38	0.139	1	04/16/21 21:16	04/19/21 15:54	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	41	J	mg/kg	0.97	0.97	1		04/20/21 02:49	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-20 Date Collected: 04/13/21 08:50

Client ID: OSSB-4 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.50		mg/kg	0.455	0.095	1	04/16/21 21:16	04/19/21 17:03	EPA 3050B	1,6010D	SV
Barium, Total	167		mg/kg	0.455	0.079	1	04/16/21 21:16	04/19/21 17:03	EPA 3050B	1,6010D	SV
Beryllium, Total	0.350		mg/kg	0.228	0.015	1	04/16/21 21:16	04/19/21 17:03	EPA 3050B	1,6010D	SV
Cadmium, Total	1.52		mg/kg	0.455	0.045	1	04/16/21 21:16	04/19/21 17:03	EPA 3050B	1,6010D	SV
Chromium, Total	23.0		mg/kg	0.455	0.044	1	04/16/21 21:16	04/19/21 17:03	EPA 3050B	1,6010D	SV
Copper, Total	80.9		mg/kg	0.455	0.117	1	04/16/21 21:16	04/19/21 17:03	EPA 3050B	1,6010D	SV
Lead, Total	337		mg/kg	2.28	0.122	1	04/16/21 21:16	04/19/21 17:03	EPA 3050B	1,6010D	SV
Manganese, Total	234		mg/kg	0.455	0.072	1	04/16/21 21:16	04/19/21 17:03	EPA 3050B	1,6010D	SV
Mercury, Total	0.402		mg/kg	0.086	0.056	1	04/16/21 21:54	04/17/21 14:08	EPA 7471B	1,7471B	NB
Nickel, Total	22.2		mg/kg	1.14	0.110	1	04/16/21 21:16	04/19/21 17:03	EPA 3050B	1,6010D	SV
Selenium, Total	0.214	J	mg/kg	0.910	0.117	1	04/16/21 21:16	04/19/21 17:03	EPA 3050B	1,6010D	SV
Silver, Total	0.360	J	mg/kg	0.455	0.129	1	04/16/21 21:16	04/19/21 17:03	EPA 3050B	1,6010D	SV
Zinc, Total	543		mg/kg	2.28	0.133	1	04/16/21 21:16	04/19/21 17:03	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	23		mg/kg	0.96	0.96	1		04/20/21 02:49	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-21 Date Collected: 04/13/21 10:00

Client ID: B4SB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.08		mg/kg	0.429	0.089	1	04/16/21 22:20	04/19/21 18:41	EPA 3050B	1,6010D	SV
Barium, Total	127		mg/kg	0.429	0.075	1	04/16/21 22:20	04/19/21 18:41	EPA 3050B	1,6010D	SV
Beryllium, Total	0.266		mg/kg	0.215	0.014	1	04/16/21 22:20	04/19/21 18:41	EPA 3050B	1,6010D	SV
Cadmium, Total	0.490		mg/kg	0.429	0.042	1	04/16/21 22:20	04/19/21 18:41	EPA 3050B	1,6010D	SV
Chromium, Total	13.5		mg/kg	0.429	0.041	1	04/16/21 22:20	04/19/21 18:41	EPA 3050B	1,6010D	SV
Copper, Total	32.8		mg/kg	0.429	0.111	1	04/16/21 22:20	04/19/21 18:41	EPA 3050B	1,6010D	SV
Lead, Total	75.8		mg/kg	2.15	0.115	1	04/16/21 22:20	04/19/21 18:41	EPA 3050B	1,6010D	SV
Manganese, Total	188		mg/kg	0.429	0.068	1	04/16/21 22:20	04/19/21 18:41	EPA 3050B	1,6010D	SV
Mercury, Total	0.080		mg/kg	0.076	0.050	1	04/16/21 23:01	04/17/21 14:18	EPA 7471B	1,7471B	NB
Nickel, Total	10.8		mg/kg	1.07	0.104	1	04/16/21 22:20	04/19/21 18:41	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	0.859	0.111	1	04/16/21 22:20	04/19/21 18:41	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.429	0.122	1	04/16/21 22:20	04/19/21 18:41	EPA 3050B	1,6010D	SV
Zinc, Total	85.1		mg/kg	2.15	0.126	1	04/16/21 22:20	04/19/21 18:41	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	14		mg/kg	0.89	0.89	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-22 Date Collected: 04/13/21 10:15

Client ID: B4SB-1 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/kg	0.437	0.091	1	04/16/21 22:20	04/19/21 18:02	EPA 3050B	1,6010D	SV
Barium, Total	372		mg/kg	0.437	0.076	1	04/16/21 22:20	04/19/21 18:02	EPA 3050B	1,6010D	SV
Beryllium, Total	0.162	J	mg/kg	0.218	0.014	1	04/16/21 22:20	04/19/21 18:02	EPA 3050B	1,6010D	SV
Cadmium, Total	0.564		mg/kg	0.437	0.043	1	04/16/21 22:20	04/19/21 18:02	EPA 3050B	1,6010D	SV
Chromium, Total	68.1		mg/kg	0.437	0.042	1	04/16/21 22:20	04/19/21 18:02	EPA 3050B	1,6010D	SV
Copper, Total	57.8		mg/kg	0.437	0.113	1	04/16/21 22:20	04/19/21 18:02	EPA 3050B	1,6010D	SV
Lead, Total	520		mg/kg	2.18	0.117	1	04/16/21 22:20	04/19/21 18:02	EPA 3050B	1,6010D	SV
Manganese, Total	207		mg/kg	0.437	0.070	1	04/16/21 22:20	04/19/21 18:02	EPA 3050B	1,6010D	SV
Mercury, Total	0.050	J	mg/kg	0.076	0.049	1	04/16/21 23:01	04/17/21 14:31	EPA 7471B	1,7471B	NB
Nickel, Total	34.5		mg/kg	1.09	0.106	1	04/16/21 22:20	04/19/21 18:02	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	0.874	0.113	1	04/16/21 22:20	04/19/21 18:02	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.437	0.124	1	04/16/21 22:20	04/19/21 18:02	EPA 3050B	1,6010D	SV
Zinc, Total	50.7		mg/kg	2.18	0.128	1	04/16/21 22:20	04/19/21 18:02	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	68		mg/kg	0.89	0.89	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-23 Date Collected: 04/13/21 10:40

Client ID: B5SB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	9.11		mg/kg	0.419	0.087	1	04/16/21 22:20	04/19/21 18:07	EPA 3050B	1,6010D	SV
Barium, Total	85.7		mg/kg	0.419	0.073	1	04/16/21 22:20	04/19/21 18:07	EPA 3050B	1,6010D	SV
Beryllium, Total	0.427		mg/kg	0.209	0.014	1	04/16/21 22:20	04/19/21 18:07	EPA 3050B	1,6010D	SV
Cadmium, Total	1.80		mg/kg	0.419	0.041	1	04/16/21 22:20	04/19/21 18:07	EPA 3050B	1,6010D	SV
Chromium, Total	37.4		mg/kg	0.419	0.040	1	04/16/21 22:20	04/19/21 18:07	EPA 3050B	1,6010D	SV
Copper, Total	82.5		mg/kg	0.419	0.108	1	04/16/21 22:20	04/19/21 18:07	EPA 3050B	1,6010D	SV
Lead, Total	500		mg/kg	2.09	0.112	1	04/16/21 22:20	04/19/21 18:07	EPA 3050B	1,6010D	SV
Manganese, Total	254		mg/kg	0.419	0.067	1	04/16/21 22:20	04/19/21 18:07	EPA 3050B	1,6010D	SV
Mercury, Total	0.525		mg/kg	0.071	0.046	1	04/16/21 23:01	04/17/21 14:35	EPA 7471B	1,7471B	NB
Nickel, Total	25.6		mg/kg	1.05	0.101	1	04/16/21 22:20	04/19/21 18:07	EPA 3050B	1,6010D	SV
Selenium, Total	0.557	J	mg/kg	0.838	0.108	1	04/16/21 22:20	04/19/21 18:07	EPA 3050B	1,6010D	SV
Silver, Total	0.788		mg/kg	0.419	0.118	1	04/16/21 22:20	04/19/21 18:07	EPA 3050B	1,6010D	SV
Zinc, Total	479		mg/kg	2.09	0.123	1	04/16/21 22:20	04/19/21 18:07	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	37		mg/kg	0.87	0.87	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-24 Date Collected: 04/13/21 10:50

Client ID: B5SB-1 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.28		mg/kg	0.470	0.098	1	04/16/21 22:20	04/19/21 19:01	EPA 3050B	1,6010D	SV
Barium, Total	90.4		mg/kg	0.470	0.082	1	04/16/21 22:20	04/19/21 19:01	EPA 3050B	1,6010D	SV
Beryllium, Total	0.244		mg/kg	0.235	0.016	1	04/16/21 22:20	04/19/21 19:01	EPA 3050B	1,6010D	SV
Cadmium, Total	3.94		mg/kg	0.470	0.046	1	04/16/21 22:20	04/19/21 19:01	EPA 3050B	1,6010D	SV
Chromium, Total	23.8		mg/kg	0.470	0.045	1	04/16/21 22:20	04/19/21 19:01	EPA 3050B	1,6010D	SV
Copper, Total	437		mg/kg	0.470	0.121	1	04/16/21 22:20	04/19/21 19:01	EPA 3050B	1,6010D	SV
Lead, Total	4520		mg/kg	2.35	0.126	1	04/16/21 22:20	04/19/21 19:01	EPA 3050B	1,6010D	SV
Manganese, Total	209		mg/kg	0.470	0.075	1	04/16/21 22:20	04/19/21 19:01	EPA 3050B	1,6010D	SV
Mercury, Total	0.876		mg/kg	0.081	0.053	1	04/16/21 23:01	04/17/21 14:44	EPA 7471B	1,7471B	NB
Nickel, Total	25.5		mg/kg	1.17	0.114	1	04/16/21 22:20	04/19/21 19:01	EPA 3050B	1,6010D	SV
Selenium, Total	0.427	J	mg/kg	0.939	0.121	1	04/16/21 22:20	04/19/21 19:01	EPA 3050B	1,6010D	SV
Silver, Total	2.68		mg/kg	0.470	0.133	1	04/16/21 22:20	04/19/21 19:01	EPA 3050B	1,6010D	SV
Zinc, Total	3370		mg/kg	11.7	0.688	5	04/16/21 22:20	04/20/21 11:12	EPA 3050B	1,6010D	EW
General Chemistry - Mansfield Lab											
Chromium, Trivalent	24		mg/kg	0.96	0.96	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-25 Date Collected: 04/13/21 11:00

Client ID: B4SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.54		mg/kg	0.427	0.089	1	04/16/21 22:20	04/19/21 19:06	EPA 3050B	1,6010D	SV
Barium, Total	159		mg/kg	0.427	0.074	1	04/16/21 22:20	04/19/21 19:06	EPA 3050B	1,6010D	SV
Beryllium, Total	0.226		mg/kg	0.213	0.014	1	04/16/21 22:20	04/19/21 19:06	EPA 3050B	1,6010D	SV
Cadmium, Total	1.53		mg/kg	0.427	0.042	1	04/16/21 22:20	04/19/21 19:06	EPA 3050B	1,6010D	SV
Chromium, Total	35.7		mg/kg	0.427	0.041	1	04/16/21 22:20	04/19/21 19:06	EPA 3050B	1,6010D	SV
Copper, Total	62.9		mg/kg	0.427	0.110	1	04/16/21 22:20	04/19/21 19:06	EPA 3050B	1,6010D	SV
Lead, Total	412		mg/kg	2.13	0.114	1	04/16/21 22:20	04/19/21 19:06	EPA 3050B	1,6010D	SV
Manganese, Total	227		mg/kg	0.427	0.068	1	04/16/21 22:20	04/19/21 19:06	EPA 3050B	1,6010D	SV
Mercury, Total	0.294		mg/kg	0.070	0.046	1	04/16/21 23:01	04/17/21 14:48	EPA 7471B	1,7471B	NB
Nickel, Total	28.5		mg/kg	1.07	0.103	1	04/16/21 22:20	04/19/21 19:06	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	0.854	0.110	1	04/16/21 22:20	04/19/21 19:06	EPA 3050B	1,6010D	SV
Silver, Total	0.226	J	mg/kg	0.427	0.121	1	04/16/21 22:20	04/19/21 19:06	EPA 3050B	1,6010D	SV
Zinc, Total	650		mg/kg	2.13	0.125	1	04/16/21 22:20	04/19/21 19:06	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	36		mg/kg	0.87	0.87	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-26 Date Collected: 04/13/21 11:30

Client ID: B4SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.61		mg/kg	0.431	0.090	1	04/16/21 22:20	04/19/21 19:11	EPA 3050B	1,6010D	SV
Barium, Total	424		mg/kg	0.431	0.075	1	04/16/21 22:20	04/19/21 19:11	EPA 3050B	1,6010D	SV
Beryllium, Total	0.310		mg/kg	0.215	0.014	1	04/16/21 22:20	04/19/21 19:11	EPA 3050B	1,6010D	SV
Cadmium, Total	1.22		mg/kg	0.431	0.042	1	04/16/21 22:20	04/19/21 19:11	EPA 3050B	1,6010D	SV
Chromium, Total	63.0		mg/kg	0.431	0.041	1	04/16/21 22:20	04/19/21 19:11	EPA 3050B	1,6010D	SV
Copper, Total	112		mg/kg	0.431	0.111	1	04/16/21 22:20	04/19/21 19:11	EPA 3050B	1,6010D	SV
Lead, Total	321		mg/kg	2.15	0.115	1	04/16/21 22:20	04/19/21 19:11	EPA 3050B	1,6010D	SV
Manganese, Total	246		mg/kg	0.431	0.069	1	04/16/21 22:20	04/19/21 19:11	EPA 3050B	1,6010D	SV
Mercury, Total	0.273		mg/kg	0.072	0.047	1	04/16/21 23:01	04/17/21 14:51	EPA 7471B	1,7471B	NB
Nickel, Total	33.0		mg/kg	1.08	0.104	1	04/16/21 22:20	04/19/21 19:11	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	0.862	0.111	1	04/16/21 22:20	04/19/21 19:11	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.431	0.122	1	04/16/21 22:20	04/19/21 19:11	EPA 3050B	1,6010D	SV
Zinc, Total	328		mg/kg	2.15	0.126	1	04/16/21 22:20	04/19/21 19:11	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	63		mg/kg	0.89	0.89	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-27 Date Collected: 04/13/21 12:00

Client ID: B5SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.38		mg/kg	0.417	0.087	1	04/16/21 22:20	04/19/21 19:30	EPA 3050B	1,6010D	SV
Barium, Total	125		mg/kg	0.417	0.073	1	04/16/21 22:20	04/19/21 19:30	EPA 3050B	1,6010D	SV
Beryllium, Total	0.117	J	mg/kg	0.208	0.014	1	04/16/21 22:20	04/19/21 19:30	EPA 3050B	1,6010D	SV
Cadmium, Total	1.01		mg/kg	0.417	0.041	1	04/16/21 22:20	04/19/21 19:30	EPA 3050B	1,6010D	SV
Chromium, Total	159		mg/kg	0.417	0.040	1	04/16/21 22:20	04/19/21 19:30	EPA 3050B	1,6010D	SV
Copper, Total	114		mg/kg	0.417	0.108	1	04/16/21 22:20	04/19/21 19:30	EPA 3050B	1,6010D	SV
Lead, Total	217		mg/kg	2.08	0.112	1	04/16/21 22:20	04/19/21 19:30	EPA 3050B	1,6010D	SV
Manganese, Total	154		mg/kg	0.417	0.066	1	04/16/21 22:20	04/19/21 19:30	EPA 3050B	1,6010D	SV
Mercury, Total	0.527		mg/kg	0.072	0.047	1	04/16/21 23:01	04/17/21 14:54	EPA 7471B	1,7471B	NB
Nickel, Total	12.9		mg/kg	1.04	0.101	1	04/16/21 22:20	04/19/21 19:30	EPA 3050B	1,6010D	SV
Selenium, Total	0.233	J	mg/kg	0.834	0.108	1	04/16/21 22:20	04/19/21 19:30	EPA 3050B	1,6010D	SV
Silver, Total	0.279	J	mg/kg	0.417	0.118	1	04/16/21 22:20	04/19/21 19:30	EPA 3050B	1,6010D	SV
Zinc, Total	174		mg/kg	2.08	0.122	1	04/16/21 22:20	04/19/21 19:30	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	160		mg/kg	0.89	0.89	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-28 Date Collected: 04/13/21 12:15

Client ID: B5SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.32		mg/kg	0.428	0.089	1	04/16/21 22:20	04/19/21 20:41	EPA 3050B	1,6010D	BV
Barium, Total	212		mg/kg	0.428	0.074	1	04/16/21 22:20	04/19/21 20:41	EPA 3050B	1,6010D	BV
Beryllium, Total	0.158	J	mg/kg	0.214	0.014	1	04/16/21 22:20	04/19/21 20:41	EPA 3050B	1,6010D	BV
Cadmium, Total	1.28		mg/kg	0.428	0.042	1	04/16/21 22:20	04/19/21 20:41	EPA 3050B	1,6010D	BV
Chromium, Total	31.1		mg/kg	0.428	0.041	1	04/16/21 22:20	04/19/21 20:41	EPA 3050B	1,6010D	BV
Copper, Total	73.1		mg/kg	0.428	0.110	1	04/16/21 22:20	04/19/21 20:41	EPA 3050B	1,6010D	BV
Lead, Total	365		mg/kg	2.14	0.115	1	04/16/21 22:20	04/19/21 20:41	EPA 3050B	1,6010D	BV
Manganese, Total	241		mg/kg	0.428	0.068	1	04/16/21 22:20	04/19/21 20:41	EPA 3050B	1,6010D	BV
Mercury, Total	0.206		mg/kg	0.072	0.047	1	04/16/21 23:01	04/17/21 14:58	EPA 7471B	1,7471B	NB
Nickel, Total	14.1		mg/kg	1.07	0.104	1	04/16/21 22:20	04/19/21 20:41	EPA 3050B	1,6010D	BV
Selenium, Total	1.45		mg/kg	0.856	0.110	1	04/16/21 22:20	04/19/21 20:41	EPA 3050B	1,6010D	BV
Silver, Total	0.210	J	mg/kg	0.428	0.121	1	04/16/21 22:20	04/19/21 20:41	EPA 3050B	1,6010D	BV
Zinc, Total	314		mg/kg	2.14	0.125	1	04/16/21 22:20	04/19/21 20:41	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	26		mg/kg	0.91	0.91	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-29 Date Collected: 04/13/21 12:40

Client ID: OSSB-6 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	13.8		mg/kg	0.451	0.094	1	04/16/21 22:20	04/19/21 20:46	EPA 3050B	1,6010D	BV
Barium, Total	37.7		mg/kg	0.451	0.079	1	04/16/21 22:20	04/19/21 20:46	EPA 3050B	1,6010D	BV
Beryllium, Total	0.397		mg/kg	0.226	0.015	1	04/16/21 22:20	04/19/21 20:46	EPA 3050B	1,6010D	BV
Cadmium, Total	3.00		mg/kg	0.451	0.044	1	04/16/21 22:20	04/19/21 20:46	EPA 3050B	1,6010D	BV
Chromium, Total	54.2		mg/kg	0.451	0.043	1	04/16/21 22:20	04/19/21 20:46	EPA 3050B	1,6010D	BV
Copper, Total	183		mg/kg	0.451	0.116	1	04/16/21 22:20	04/19/21 20:46	EPA 3050B	1,6010D	BV
Lead, Total	518		mg/kg	2.26	0.121	1	04/16/21 22:20	04/19/21 20:46	EPA 3050B	1,6010D	BV
Manganese, Total	224		mg/kg	0.451	0.072	1	04/16/21 22:20	04/19/21 20:46	EPA 3050B	1,6010D	BV
Mercury, Total	0.952		mg/kg	0.072	0.047	1	04/16/21 23:01	04/17/21 15:01	EPA 7471B	1,7471B	NB
Nickel, Total	28.6		mg/kg	1.13	0.109	1	04/16/21 22:20	04/19/21 20:46	EPA 3050B	1,6010D	BV
Selenium, Total	0.582	J	mg/kg	0.903	0.116	1	04/16/21 22:20	04/19/21 20:46	EPA 3050B	1,6010D	BV
Silver, Total	1.08		mg/kg	0.451	0.128	1	04/16/21 22:20	04/19/21 20:46	EPA 3050B	1,6010D	BV
Zinc, Total	482		mg/kg	2.26	0.132	1	04/16/21 22:20	04/19/21 20:46	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	54		mg/kg	0.92	0.92	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-30 Date Collected: 04/13/21 12:49

Client ID: OSSB-6 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	9.92		mg/kg	0.428	0.089	1	04/16/21 22:20	04/19/21 20:51	EPA 3050B	1,6010D	BV
Barium, Total	51.4		mg/kg	0.428	0.074	1	04/16/21 22:20	04/19/21 20:51	EPA 3050B	1,6010D	BV
Beryllium, Total	0.363		mg/kg	0.214	0.014	1	04/16/21 22:20	04/19/21 20:51	EPA 3050B	1,6010D	BV
Cadmium, Total	4.13		mg/kg	0.428	0.042	1	04/16/21 22:20	04/19/21 20:51	EPA 3050B	1,6010D	BV
Chromium, Total	23.3		mg/kg	0.428	0.041	1	04/16/21 22:20	04/19/21 20:51	EPA 3050B	1,6010D	BV
Copper, Total	103		mg/kg	0.428	0.110	1	04/16/21 22:20	04/19/21 20:51	EPA 3050B	1,6010D	BV
Lead, Total	465		mg/kg	2.14	0.114	1	04/16/21 22:20	04/19/21 20:51	EPA 3050B	1,6010D	BV
Manganese, Total	199		mg/kg	0.428	0.068	1	04/16/21 22:20	04/19/21 20:51	EPA 3050B	1,6010D	BV
Mercury, Total	0.702		mg/kg	0.073	0.048	1	04/16/21 23:01	04/17/21 15:04	EPA 7471B	1,7471B	NB
Nickel, Total	23.6		mg/kg	1.07	0.103	1	04/16/21 22:20	04/19/21 20:51	EPA 3050B	1,6010D	BV
Selenium, Total	0.624	J	mg/kg	0.855	0.110	1	04/16/21 22:20	04/19/21 20:51	EPA 3050B	1,6010D	BV
Silver, Total	0.787		mg/kg	0.428	0.121	1	04/16/21 22:20	04/19/21 20:51	EPA 3050B	1,6010D	BV
Zinc, Total	454		mg/kg	2.14	0.125	1	04/16/21 22:20	04/19/21 20:51	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	23		mg/kg	0.90	0.90	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-31 Date Collected: 04/13/21 13:00

Client ID: OSSB-5 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.22		mg/kg	0.416	0.087	1	04/16/21 22:20	04/19/21 20:56	EPA 3050B	1,6010D	BV
Barium, Total	278		mg/kg	0.416	0.072	1	04/16/21 22:20	04/19/21 20:56	EPA 3050B	1,6010D	BV
Beryllium, Total	0.129	J	mg/kg	0.208	0.014	1	04/16/21 22:20	04/19/21 20:56	EPA 3050B	1,6010D	BV
Cadmium, Total	0.679		mg/kg	0.416	0.041	1	04/16/21 22:20	04/19/21 20:56	EPA 3050B	1,6010D	BV
Chromium, Total	70.6		mg/kg	0.416	0.040	1	04/16/21 22:20	04/19/21 20:56	EPA 3050B	1,6010D	BV
Copper, Total	50.6		mg/kg	0.416	0.107	1	04/16/21 22:20	04/19/21 20:56	EPA 3050B	1,6010D	BV
Lead, Total	65.2		mg/kg	2.08	0.112	1	04/16/21 22:20	04/19/21 20:56	EPA 3050B	1,6010D	BV
Manganese, Total	183		mg/kg	0.416	0.066	1	04/16/21 22:20	04/19/21 20:56	EPA 3050B	1,6010D	BV
Mercury, Total	0.106		mg/kg	0.069	0.045	1	04/16/21 23:01	04/17/21 15:08	EPA 7471B	1,7471B	NB
Nickel, Total	46.8		mg/kg	1.04	0.101	1	04/16/21 22:20	04/19/21 20:56	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	0.833	0.107	1	04/16/21 22:20	04/19/21 20:56	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.416	0.118	1	04/16/21 22:20	04/19/21 20:56	EPA 3050B	1,6010D	BV
Zinc, Total	88.2		mg/kg	2.08	0.122	1	04/16/21 22:20	04/19/21 20:56	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	71		mg/kg	0.86	0.86	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-32 Date Collected: 04/13/21 13:10

Client ID: OSSB-5 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.54		mg/kg	0.415	0.086	1	04/16/21 22:20	04/19/21 21:01	EPA 3050B	1,6010D	BV
Barium, Total	213		mg/kg	0.415	0.072	1	04/16/21 22:20	04/19/21 21:01	EPA 3050B	1,6010D	BV
Beryllium, Total	0.307		mg/kg	0.208	0.014	1	04/16/21 22:20	04/19/21 21:01	EPA 3050B	1,6010D	BV
Cadmium, Total	1.30		mg/kg	0.415	0.041	1	04/16/21 22:20	04/19/21 21:01	EPA 3050B	1,6010D	BV
Chromium, Total	24.5		mg/kg	0.415	0.040	1	04/16/21 22:20	04/19/21 21:01	EPA 3050B	1,6010D	BV
Copper, Total	77.6		mg/kg	0.415	0.107	1	04/16/21 22:20	04/19/21 21:01	EPA 3050B	1,6010D	BV
Lead, Total	251		mg/kg	2.08	0.111	1	04/16/21 22:20	04/19/21 21:01	EPA 3050B	1,6010D	BV
Manganese, Total	203		mg/kg	0.415	0.066	1	04/16/21 22:20	04/19/21 21:01	EPA 3050B	1,6010D	BV
Mercury, Total	0.455		mg/kg	0.075	0.049	1	04/16/21 23:01	04/17/21 15:11	EPA 7471B	1,7471B	NB
Nickel, Total	19.9		mg/kg	1.04	0.100	1	04/16/21 22:20	04/19/21 21:01	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	0.830	0.107	1	04/16/21 22:20	04/19/21 21:01	EPA 3050B	1,6010D	BV
Silver, Total	0.324	J	mg/kg	0.415	0.118	1	04/16/21 22:20	04/19/21 21:01	EPA 3050B	1,6010D	BV
Zinc, Total	271		mg/kg	2.08	0.122	1	04/16/21 22:20	04/19/21 21:01	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	24		mg/kg	0.86	0.86	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-33 Date Collected: 04/14/21 07:00

Client ID: B6SB-2 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.31		mg/kg	0.449	0.093	1	04/16/21 22:20	04/19/21 21:07	EPA 3050B	1,6010D	BV
Barium, Total	173		mg/kg	0.449	0.078	1	04/16/21 22:20	04/19/21 21:07	EPA 3050B	1,6010D	BV
Beryllium, Total	0.170	J	mg/kg	0.224	0.015	1	04/16/21 22:20	04/19/21 21:07	EPA 3050B	1,6010D	BV
Cadmium, Total	1.70		mg/kg	0.449	0.044	1	04/16/21 22:20	04/19/21 21:07	EPA 3050B	1,6010D	BV
Chromium, Total	17.1		mg/kg	0.449	0.043	1	04/16/21 22:20	04/19/21 21:07	EPA 3050B	1,6010D	BV
Copper, Total	135		mg/kg	0.449	0.116	1	04/16/21 22:20	04/19/21 21:07	EPA 3050B	1,6010D	BV
Lead, Total	353		mg/kg	2.24	0.120	1	04/16/21 22:20	04/19/21 21:07	EPA 3050B	1,6010D	BV
Manganese, Total	209		mg/kg	0.449	0.071	1	04/16/21 22:20	04/19/21 21:07	EPA 3050B	1,6010D	BV
Mercury, Total	0.172		mg/kg	0.071	0.046	1	04/16/21 23:01	04/17/21 15:14	EPA 7471B	1,7471B	NB
Nickel, Total	13.9		mg/kg	1.12	0.109	1	04/16/21 22:20	04/19/21 21:07	EPA 3050B	1,6010D	BV
Selenium, Total	0.166	J	mg/kg	0.898	0.116	1	04/16/21 22:20	04/19/21 21:07	EPA 3050B	1,6010D	BV
Silver, Total	0.148	J	mg/kg	0.449	0.127	1	04/16/21 22:20	04/19/21 21:07	EPA 3050B	1,6010D	BV
Zinc, Total	1670		mg/kg	11.2	0.658	5	04/16/21 22:20	04/20/21 11:16	EPA 3050B	1,6010D	EW
General Chemistry - Mansfield Lab											
Chromium, Trivalent	17		mg/kg	0.90	0.90	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-34 Date Collected: 04/14/21 07:15

Client ID: B6SB-2 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.87		mg/kg	0.414	0.086	1	04/16/21 22:20	04/19/21 21:12	EPA 3050B	1,6010D	BV
Barium, Total	114		mg/kg	0.414	0.072	1	04/16/21 22:20	04/19/21 21:12	EPA 3050B	1,6010D	BV
Beryllium, Total	0.195	J	mg/kg	0.207	0.014	1	04/16/21 22:20	04/19/21 21:12	EPA 3050B	1,6010D	BV
Cadmium, Total	0.808		mg/kg	0.414	0.041	1	04/16/21 22:20	04/19/21 21:12	EPA 3050B	1,6010D	BV
Chromium, Total	31.6		mg/kg	0.414	0.040	1	04/16/21 22:20	04/19/21 21:12	EPA 3050B	1,6010D	BV
Copper, Total	68.2		mg/kg	0.414	0.107	1	04/16/21 22:20	04/19/21 21:12	EPA 3050B	1,6010D	BV
Lead, Total	425		mg/kg	2.07	0.111	1	04/16/21 22:20	04/19/21 21:12	EPA 3050B	1,6010D	BV
Manganese, Total	151		mg/kg	0.414	0.066	1	04/16/21 22:20	04/19/21 21:12	EPA 3050B	1,6010D	BV
Mercury, Total	19.0		mg/kg	1.49	0.970	20	04/16/21 23:01	04/17/21 16:27	EPA 7471B	1,7471B	NB
Nickel, Total	131		mg/kg	1.04	0.100	1	04/16/21 22:20	04/19/21 21:12	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	0.828	0.107	1	04/16/21 22:20	04/19/21 21:12	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.414	0.117	1	04/16/21 22:20	04/19/21 21:12	EPA 3050B	1,6010D	BV
Zinc, Total	249		mg/kg	2.07	0.121	1	04/16/21 22:20	04/19/21 21:12	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	32		mg/kg	0.86	0.86	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-35 Date Collected: 04/14/21 07:21

Client ID: OSSB-7 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.94		mg/kg	0.451	0.094	1	04/16/21 22:20	04/19/21 21:17	EPA 3050B	1,6010D	BV
Barium, Total	92.2		mg/kg	0.451	0.079	1	04/16/21 22:20	04/19/21 21:17	EPA 3050B	1,6010D	BV
Beryllium, Total	0.262		mg/kg	0.225	0.015	1	04/16/21 22:20	04/19/21 21:17	EPA 3050B	1,6010D	BV
Cadmium, Total	2.48		mg/kg	0.451	0.044	1	04/16/21 22:20	04/19/21 21:17	EPA 3050B	1,6010D	BV
Chromium, Total	22.1		mg/kg	0.451	0.043	1	04/16/21 22:20	04/19/21 21:17	EPA 3050B	1,6010D	BV
Copper, Total	121		mg/kg	0.451	0.116	1	04/16/21 22:20	04/19/21 21:17	EPA 3050B	1,6010D	BV
Lead, Total	323		mg/kg	2.25	0.121	1	04/16/21 22:20	04/19/21 21:17	EPA 3050B	1,6010D	BV
Manganese, Total	247		mg/kg	0.451	0.072	1	04/16/21 22:20	04/19/21 21:17	EPA 3050B	1,6010D	BV
Mercury, Total	0.473		mg/kg	0.085	0.055	1	04/16/21 23:01	04/17/21 15:30	EPA 7471B	1,7471B	NB
Nickel, Total	30.5		mg/kg	1.13	0.109	1	04/16/21 22:20	04/19/21 21:17	EPA 3050B	1,6010D	BV
Selenium, Total	0.234	J	mg/kg	0.902	0.116	1	04/16/21 22:20	04/19/21 21:17	EPA 3050B	1,6010D	BV
Silver, Total	0.392	J	mg/kg	0.451	0.128	1	04/16/21 22:20	04/19/21 21:17	EPA 3050B	1,6010D	BV
Zinc, Total	241		mg/kg	2.25	0.132	1	04/16/21 22:20	04/19/21 21:17	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	22		mg/kg	0.96	0.96	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-36 Date Collected: 04/14/21 07:27

Client ID: OSSB-7 (2-4) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	13.3		mg/kg	0.427	0.089	1	04/16/21 22:20	04/19/21 21:22	EPA 3050B	1,6010D	BV
Barium, Total	83.3		mg/kg	0.427	0.074	1	04/16/21 22:20	04/19/21 21:22	EPA 3050B	1,6010D	BV
Beryllium, Total	0.359		mg/kg	0.214	0.014	1	04/16/21 22:20	04/19/21 21:22	EPA 3050B	1,6010D	BV
Cadmium, Total	4.06		mg/kg	0.427	0.042	1	04/16/21 22:20	04/19/21 21:22	EPA 3050B	1,6010D	BV
Chromium, Total	32.8		mg/kg	0.427	0.041	1	04/16/21 22:20	04/19/21 21:22	EPA 3050B	1,6010D	BV
Copper, Total	150		mg/kg	0.427	0.110	1	04/16/21 22:20	04/19/21 21:22	EPA 3050B	1,6010D	BV
Lead, Total	648		mg/kg	2.14	0.114	1	04/16/21 22:20	04/19/21 21:22	EPA 3050B	1,6010D	BV
Manganese, Total	304		mg/kg	0.427	0.068	1	04/16/21 22:20	04/19/21 21:22	EPA 3050B	1,6010D	BV
Mercury, Total	0.734		mg/kg	0.071	0.046	1	04/16/21 23:01	04/17/21 15:34	EPA 7471B	1,7471B	NB
Nickel, Total	32.4		mg/kg	1.07	0.103	1	04/16/21 22:20	04/19/21 21:22	EPA 3050B	1,6010D	BV
Selenium, Total	0.735	J	mg/kg	0.855	0.110	1	04/16/21 22:20	04/19/21 21:22	EPA 3050B	1,6010D	BV
Silver, Total	0.509		mg/kg	0.427	0.121	1	04/16/21 22:20	04/19/21 21:22	EPA 3050B	1,6010D	BV
Zinc, Total	855		mg/kg	2.14	0.125	1	04/16/21 22:20	04/19/21 21:22	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	33		mg/kg	0.89	0.89	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-37 Date Collected: 04/14/21 08:30

Client ID: B6SB-1 (0-2) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.42		mg/kg	0.545	0.113	1	04/16/21 22:20	04/19/21 21:27	EPA 3050B	1,6010D	BV
Barium, Total	50.9		mg/kg	0.545	0.095	1	04/16/21 22:20	04/19/21 21:27	EPA 3050B	1,6010D	BV
Beryllium, Total	0.272		mg/kg	0.272	0.018	1	04/16/21 22:20	04/19/21 21:27	EPA 3050B	1,6010D	BV
Cadmium, Total	0.910		mg/kg	0.545	0.053	1	04/16/21 22:20	04/19/21 21:27	EPA 3050B	1,6010D	BV
Chromium, Total	17.6		mg/kg	0.545	0.052	1	04/16/21 22:20	04/19/21 21:27	EPA 3050B	1,6010D	BV
Copper, Total	52.9		mg/kg	0.545	0.140	1	04/16/21 22:20	04/19/21 21:27	EPA 3050B	1,6010D	BV
Lead, Total	167		mg/kg	2.72	0.146	1	04/16/21 22:20	04/19/21 21:27	EPA 3050B	1,6010D	BV
Manganese, Total	185		mg/kg	0.545	0.087	1	04/16/21 22:20	04/19/21 21:27	EPA 3050B	1,6010D	BV
Mercury, Total	6.09		mg/kg	0.954	0.622	10	04/16/21 23:01	04/17/21 16:30	EPA 7471B	1,7471B	NB
Nickel, Total	19.8		mg/kg	1.36	0.132	1	04/16/21 22:20	04/19/21 21:27	EPA 3050B	1,6010D	BV
Selenium, Total	0.376	J	mg/kg	1.09	0.140	1	04/16/21 22:20	04/19/21 21:27	EPA 3050B	1,6010D	BV
Silver, Total	0.414	J	mg/kg	0.545	0.154	1	04/16/21 22:20	04/19/21 21:27	EPA 3050B	1,6010D	BV
Zinc, Total	268		mg/kg	2.72	0.160	1	04/16/21 22:20	04/19/21 21:27	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	17	J	mg/kg	1.1	1.1	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-38 Date Collected: 04/14/21 08:40

Client ID: B6SB-1 (8-10) Date Received: 04/15/21

Sample Location: 1850 LAFAYETTE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.54		mg/kg	0.422	0.088	1	04/16/21 22:20	04/19/21 21:41	EPA 3050B	1,6010D	BV
Barium, Total	83.3		mg/kg	0.422	0.074	1	04/16/21 22:20	04/19/21 21:41	EPA 3050B	1,6010D	BV
Beryllium, Total	0.342		mg/kg	0.211	0.014	1	04/16/21 22:20	04/19/21 21:41	EPA 3050B	1,6010D	BV
Cadmium, Total	0.427		mg/kg	0.422	0.041	1	04/16/21 22:20	04/19/21 21:41	EPA 3050B	1,6010D	BV
Chromium, Total	18.6		mg/kg	0.422	0.041	1	04/16/21 22:20	04/19/21 21:41	EPA 3050B	1,6010D	BV
Copper, Total	21.1		mg/kg	0.422	0.109	1	04/16/21 22:20	04/19/21 21:41	EPA 3050B	1,6010D	BV
Lead, Total	92.6		mg/kg	2.11	0.113	1	04/16/21 22:20	04/19/21 21:41	EPA 3050B	1,6010D	BV
Manganese, Total	125		mg/kg	0.422	0.067	1	04/16/21 22:20	04/19/21 21:41	EPA 3050B	1,6010D	BV
Mercury, Total	0.088		mg/kg	0.072	0.047	1	04/16/21 23:01	04/17/21 15:40	EPA 7471B	1,7471B	NB
Nickel, Total	15.3		mg/kg	1.06	0.102	1	04/16/21 22:20	04/19/21 21:41	EPA 3050B	1,6010D	BV
Selenium, Total	0.405	J	mg/kg	0.845	0.109	1	04/16/21 22:20	04/19/21 21:41	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.422	0.120	1	04/16/21 22:20	04/19/21 21:41	EPA 3050B	1,6010D	BV
Zinc, Total	71.8		mg/kg	2.11	0.124	1	04/16/21 22:20	04/19/21 21:41	EPA 3050B	1,6010D	BV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	19		mg/kg	0.88	0.88	1		04/20/21 18:12	NA	107,-	

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG1487254-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/16/21 21:16	04/19/21 13:50	1,6010D	SV
Barium, Total	ND		mg/kg	0.400	0.070	1	04/16/21 21:16	04/19/21 13:50	1,6010D	SV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	04/16/21 21:16	04/19/21 13:50	1,6010D	SV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/16/21 21:16	04/19/21 13:50	1,6010D	SV
Chromium, Total	ND		mg/kg	0.400	0.038	1	04/16/21 21:16	04/19/21 13:50	1,6010D	SV
Copper, Total	ND		mg/kg	0.400	0.103	1	04/16/21 21:16	04/19/21 13:50	1,6010D	SV
Lead, Total	ND		mg/kg	2.00	0.107	1	04/16/21 21:16	04/19/21 13:50	1,6010D	SV
Manganese, Total	ND		mg/kg	0.400	0.064	1	04/16/21 21:16	04/19/21 13:50	1,6010D	SV
Nickel, Total	ND		mg/kg	1.00	0.097	1	04/16/21 21:16	04/19/21 13:50	1,6010D	SV
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/16/21 21:16	04/19/21 13:50	1,6010D	SV
Silver, Total	ND		mg/kg	0.400	0.113	1	04/16/21 21:16	04/19/21 13:50	1,6010D	SV
Zinc, Total	ND		mg/kg	2.00	0.117	1	04/16/21 21:16	04/19/21 13:50	1,6010D	SV

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG1487263-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/16/21 21:54	04/17/21 12:29	1,7471B	NB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-38 Batch: WG1487266-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/16/21 22:20	04/19/21 18:31	1,6010D	SV
Barium, Total	ND		mg/kg	0.400	0.070	1	04/16/21 22:20	04/19/21 18:31	1,6010D	SV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	04/16/21 22:20	04/19/21 18:31	1,6010D	SV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/16/21 22:20	04/19/21 18:31	1,6010D	SV

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Chromium, Total	ND	mg/kg	0.400	0.038	1	04/16/21 22:20	04/19/21 18:31	1,6010D	SV
Copper, Total	ND	mg/kg	0.400	0.103	1	04/16/21 22:20	04/19/21 18:31	1,6010D	SV
Lead, Total	ND	mg/kg	2.00	0.107	1	04/16/21 22:20	04/19/21 18:31	1,6010D	SV
Manganese, Total	ND	mg/kg	0.400	0.064	1	04/16/21 22:20	04/19/21 18:31	1,6010D	SV
Nickel, Total	ND	mg/kg	1.00	0.097	1	04/16/21 22:20	04/19/21 18:31	1,6010D	SV
Selenium, Total	ND	mg/kg	0.800	0.103	1	04/16/21 22:20	04/19/21 18:31	1,6010D	SV
Silver, Total	ND	mg/kg	0.400	0.113	1	04/16/21 22:20	04/19/21 18:31	1,6010D	SV
Zinc, Total	ND	mg/kg	2.00	0.117	1	04/16/21 22:20	04/19/21 18:31	1,6010D	SV

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-38 Batch: WG1487267-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/16/21 23:01	04/17/21 14:12	1,7471B	NB

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119400

Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG1487254-2 SRM Lot Number: D109-540								
Arsenic, Total	99		-		70-130	-		
Barium, Total	91		-		75-125	-		
Beryllium, Total	89		-		75-125	-		
Cadmium, Total	96		-		75-125	-		
Chromium, Total	84		-		70-130	-		
Copper, Total	94		-		75-125	-		
Lead, Total	91		-		72-128	-		
Manganese, Total	103		-		74-126	-		
Nickel, Total	95		-		70-130	-		
Selenium, Total	98		-		68-132	-		
Silver, Total	96		-		68-131	-		
Zinc, Total	93		-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG1487263-2 SRM Lot Number: D109-540								
Mercury, Total	95		-		60-140	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119400

Report Date: 04/20/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-38 Batch: WG1487266-2 SRM Lot Number: D109-540					
Arsenic, Total	104	-	70-130	-	
Barium, Total	91	-	75-125	-	
Beryllium, Total	99	-	75-125	-	
Cadmium, Total	98	-	75-125	-	
Chromium, Total	95	-	70-130	-	
Copper, Total	98	-	75-125	-	
Lead, Total	97	-	72-128	-	
Manganese, Total	111	-	74-126	-	
Nickel, Total	98	-	70-130	-	
Selenium, Total	106	-	68-132	-	
Silver, Total	103	-	68-131	-	
Zinc, Total	98	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 21-38 Batch: WG1487267-2 SRM Lot Number: D109-540					
Mercury, Total	107	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1487254-3 QC Sample: L2119400-01 Client ID: B2SB-2 (0-2)												
Arsenic, Total	25.6	11.8	26.6	**9**	Q	-	-		75-125	-		20
Barium, Total	204	196	368	84		-	-		75-125	-		20
Beryllium, Total	2.23	4.9	5.15	**60**	Q	-	-		75-125	-		20
Cadmium, Total	1.81	5	4.90	**62**	Q	-	-		75-125	-		20
Chromium, Total	72.8	19.6	67.4	**0**	Q	-	-		75-125	-		20
Copper, Total	44.3	24.5	86.7	**173**	Q	-	-		75-125	-		20
Lead, Total	71.7	50	157	**170**	Q	-	-		75-125	-		20
Manganese, Total	103	49	140	75		-	-		75-125	-		20
Nickel, Total	39.0	49	69.3	**62**	Q	-	-		75-125	-		20
Selenium, Total	ND	11.8	9.14	78		-	-		75-125	-		20
Silver, Total	ND	29.4	23.8	81		-	-		75-125	-		20
Zinc, Total	80.4	49	180	**203**	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1487263-3 QC Sample: L2119400-01 Client ID: B2SB-2 (0-2)												
Mercury, Total	1.15	0.169	1.42	**160**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-38 QC Batch ID: WG1487266-3 QC Sample: L2119400-21 Client ID: B4SB-1 (0-2)										
Arsenic, Total	2.08	10.3	13.0	106		-	-	75-125	-	20
Barium, Total	127	172	266	81		-	-	75-125	-	20
Beryllium, Total	0.266	4.3	4.18	91		-	-	75-125	-	20
Cadmium, Total	0.490	4.38	4.22	85		-	-	75-125	-	20
Chromium, Total	13.5	17.2	26.4	75		-	-	75-125	-	20
Copper, Total	32.8	21.5	58.3	119		-	-	75-125	-	20
Lead, Total	75.8	43.8	94.3	**42**	Q	-	-	75-125	-	20
Manganese, Total	188	43	222	79		-	-	75-125	-	20
Nickel, Total	10.8	43	44.9	79		-	-	75-125	-	20
Selenium, Total	ND	10.3	9.89	96		-	-	75-125	-	20
Silver, Total	ND	25.8	26.3	102		-	-	75-125	-	20
Zinc, Total	85.1	43	114	**67**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 21-38 QC Batch ID: WG1487267-3 QC Sample: L2119400-21 Client ID: B4SB-1 (0-2)										
Mercury, Total	0.080	0.14	0.226	104		-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1487254-4 QC Sample: L2119400-01 Client ID: B2SB-2 (0-2)						
Arsenic, Total	25.6	40.6	mg/kg	**45**	Q	20
Barium, Total	204	77.3	mg/kg	**90**	Q	20
Beryllium, Total	2.23	1.98	mg/kg	12		20
Cadmium, Total	1.81	1.84	mg/kg	2		20
Chromium, Total	72.8	62.4	mg/kg	15		20
Copper, Total	44.3	37.1	mg/kg	18		20
Lead, Total	71.7	84.3	mg/kg	16		20
Manganese, Total	103	124	mg/kg	19		20
Nickel, Total	39.0	53.6	mg/kg	**32**	Q	20
Selenium, Total	ND	0.353J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Zinc, Total	80.4	169	mg/kg	**71**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1487263-4 QC Sample: L2119400-01 Client ID: B2SB-2 (0-2)						
Mercury, Total	1.15	1.28	mg/kg	11		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-38 QC Batch ID: WG1487266-4 QC Sample: L2119400-21 Client ID: B4SB-1 (0-2)					
Arsenic, Total	2.08	2.37	mg/kg	13	20
Barium, Total	127	104	mg/kg	20	20
Beryllium, Total	0.266	0.215J	mg/kg	NC	20
Cadmium, Total	0.490	0.501	mg/kg	2	20
Chromium, Total	13.5	11.8	mg/kg	13	20
Copper, Total	32.8	35.0	mg/kg	6	20
Lead, Total	75.8	73.2	mg/kg	3	20
Manganese, Total	188	176	mg/kg	7	20
Nickel, Total	10.8	10.4	mg/kg	4	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Zinc, Total	85.1	76.3	mg/kg	11	20
Total Metals - Mansfield Lab Associated sample(s): 21-38 QC Batch ID: WG1487267-4 QC Sample: L2119400-21 Client ID: B4SB-1 (0-2)					
Mercury, Total	0.080	ND	mg/kg	NC	20

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2119400
Report Date: 04/20/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1487254-6 QC Sample: L2119400-01 Client ID: B2SB-2 (0-2)						
Arsenic, Total	25.6	40.3	mg/kg	**57**	Q	20
Chromium, Total	72.8	102	mg/kg	**40**	Q	20
Copper, Total	44.3	105	mg/kg	**137**	Q	20
Lead, Total	71.7	129	mg/kg	**80**	Q	20
Nickel, Total	39.0	63.7	mg/kg	**63**	Q	20
Zinc, Total	80.4	161	mg/kg	**100**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 21-38 QC Batch ID: WG1487266-6 QC Sample: L2119400-21 Client ID: B4SB-1 (0-2)						
Lead, Total	75.8	95.0	mg/kg	**25**	Q	20
Zinc, Total	85.1	105	mg/kg	**23**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-01
Client ID: B2SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/12/21 09:00
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.4		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	0.90	J	mg/kg	1.2	0.26	1	04/16/21 10:30	04/16/21 13:29	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	1.05	0.209	1	04/19/21 17:56	04/20/21 02:33	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-02
Client ID: B2SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/12/21 09:10
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	0.25	J	mg/kg	1.1	0.24	1	04/16/21 10:30	04/16/21 13:30	1,9010C/9012B	CR
Chromium, Hexavalent	0.241	J	mg/kg	0.918	0.184	1	04/19/21 17:56	04/20/21 02:35	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-03
Client ID: B1SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/12/21 09:40
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	04/16/21 10:30	04/16/21 13:31	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.897	0.179	1	04/19/21 17:56	04/20/21 02:35	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-04
Client ID: B1SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/12/21 09:41
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	04/16/21 10:30	04/16/21 13:34	1,9010C/9012B	CR
Chromium, Hexavalent	0.212	J	mg/kg	0.895	0.179	1	04/19/21 17:56	04/20/21 02:35	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-05
Client ID: OSSB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil

Date Collected: 04/12/21 10:30
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	04/16/21 18:55	04/19/21 11:28	1,9010C/9012B	CR
Chromium, Hexavalent	0.214	J	mg/kg	0.903	0.180	1	04/19/21 17:56	04/20/21 02:36	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-06
Client ID: OSSB-2 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil

Date Collected: 04/12/21 10:39
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.1		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	04/16/21 18:55	04/19/21 11:29	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.888	0.178	1	04/19/21 17:56	04/20/21 02:37	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-07
Client ID: OSSB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/12/21 11:15
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.7		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	0.35	J	mg/kg	1.1	0.24	1	04/16/21 18:55	04/19/21 11:30	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.912	0.182	1	04/19/21 17:56	04/20/21 02:37	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-08
Client ID: OSSB-1 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/12/21 11:19
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	04/16/21 18:55	04/19/21 11:31	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.938	0.188	1	04/19/21 17:56	04/20/21 02:38	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-09
Client ID: B1SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil

Date Collected: 04/12/21 11:50
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	04/16/21 18:55	04/19/21 11:32	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.891	0.178	1	04/19/21 17:56	04/20/21 02:38	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-10
Client ID: B1SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/12/21 11:57
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	04/16/21 18:55	04/19/21 11:33	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.948	0.190	1	04/19/21 17:56	04/20/21 02:39	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-11
Client ID: B2SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/12/21 12:15
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	04/16/21 18:55	04/19/21 11:36	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.905	0.181	1	04/19/21 17:56	04/20/21 02:44	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-12
Client ID: B2SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/12/21 12:19
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.9		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	1.0	J	mg/kg	1.2	0.26	1	04/16/21 10:30	04/16/21 13:35	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	1.03	0.205	1	04/19/21 17:56	04/20/21 02:44	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-13
Client ID: B3SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil

Date Collected: 04/12/21 12:40
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	04/16/21 10:30	04/16/21 13:36	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.933	0.187	1	04/19/21 17:56	04/20/21 02:45	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-14
Client ID: B3SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/12/21 12:57
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	04/16/21 10:30	04/16/21 13:37	1,9010C/9012B	CR
Chromium, Hexavalent	0.282	J	mg/kg	0.903	0.180	1	04/19/21 17:56	04/20/21 02:45	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-15
Client ID: B3SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil

Date Collected: 04/12/21 13:30
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	04/16/21 10:30	04/16/21 13:40	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.909	0.182	1	04/19/21 17:56	04/20/21 02:46	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-16
Client ID: B3SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/12/21 13:45
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	62.7		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	0.34	J	mg/kg	1.4	0.31	1	04/16/21 10:30	04/16/21 13:41	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	1.28	0.255	1	04/19/21 17:56	04/20/21 02:47	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-17
Client ID: OSSB-3 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/13/21 08:00
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.9		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	04/16/21 18:55	04/19/21 11:37	1,9010C/9012B	CR
Chromium, Hexavalent	0.200	J	mg/kg	0.843	0.168	1	04/19/21 17:56	04/20/21 02:48	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-18
Client ID: OSSB-3 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/13/21 08:05
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.2		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	ND		mg/kg	0.98	0.21	1	04/16/21 18:55	04/19/21 11:38	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.849	0.170	1	04/19/21 17:56	04/20/21 02:48	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-19
Client ID: OSSB-4 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/13/21 08:40
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	04/16/21 18:55	04/19/21 11:39	1,9010C/9012B	CR
Chromium, Hexavalent	0.437	J	mg/kg	0.971	0.194	1	04/19/21 17:56	04/20/21 02:49	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-20
Client ID: OSSB-4 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/13/21 08:50
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	04/16/21 07:06	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	04/16/21 18:55	04/19/21 11:42	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.962	0.192	1	04/19/21 17:56	04/20/21 02:49	1,7196A	JT

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-21
Client ID: B4SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/13/21 10:00
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	04/16/21 18:55	04/19/21 11:43	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.890	0.178	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-22
Client ID: B4SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/13/21 10:15
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	04/16/21 18:55	04/19/21 11:44	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.887	0.177	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-23
Client ID: B5SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/13/21 10:40
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.1		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	04/16/21 18:55	04/19/21 11:45	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.869	0.174	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-24
Client ID: B5SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/13/21 10:50
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	04/16/21 18:55	04/19/21 11:48	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.958	0.192	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-25
Client ID: B4SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/13/21 11:00
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	04/16/21 18:55	04/19/21 11:49	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.866	0.173	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-26
Client ID: B4SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil

Date Collected: 04/13/21 11:30
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.3		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	04/16/21 18:55	04/19/21 11:50	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.886	0.177	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-27
Client ID: B5SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil

Date Collected: 04/13/21 12:00
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	04/16/21 18:55	04/19/21 11:51	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.889	0.178	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-28
Client ID: B5SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil

Date Collected: 04/13/21 12:15
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	0.24	J	mg/kg	1.1	0.23	1	04/16/21 18:55	04/19/21 11:52	1,9010C/9012B	CR
Chromium, Hexavalent	4.74		mg/kg	0.909	0.182	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-29
Client ID: OSSB-6 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/13/21 12:40
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.3		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	04/16/21 18:55	04/19/21 11:53	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.916	0.183	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-30
Client ID: OSSB-6 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil

Date Collected: 04/13/21 12:49
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	04/16/21 21:25	04/19/21 10:34	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.895	0.179	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-31
Client ID: OSSB-5 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/13/21 13:00
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	04/16/21 21:25	04/19/21 10:35	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.859	0.172	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-32
Client ID: OSSB-5 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/13/21 13:10
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	04/16/21 21:25	04/19/21 10:36	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.861	0.172	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-33
Client ID: B6SB-2 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil

Date Collected: 04/14/21 07:00
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	0.38	J	mg/kg	1.1	0.24	1	04/16/21 21:25	04/19/21 10:37	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.898	0.180	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-34
Client ID: B6SB-2 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil

Date Collected: 04/14/21 07:15
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	04/16/21 21:25	04/19/21 10:38	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.857	0.171	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-35
Client ID: OSSB-7 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/14/21 07:21
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	0.79	J	mg/kg	1.1	0.24	1	04/16/21 21:25	04/19/21 10:41	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.960	0.192	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-36
Client ID: OSSB-7 (2-4)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/14/21 07:27
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	1.6		mg/kg	1.1	0.23	1	04/16/21 21:25	04/19/21 10:42	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.892	0.178	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-37
Client ID: B6SB-1 (0-2)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/14/21 08:30
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.0		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.4	0.29	1	04/16/21 21:25	04/19/21 10:43	1,9010C/9012B	CR
Chromium, Hexavalent	0.422	J	mg/kg	1.13	0.225	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

SAMPLE RESULTS

Lab ID: L2119400-38
Client ID: B6SB-1 (8-10)
Sample Location: 1850 LAFAYETTE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 04/14/21 08:40
Date Received: 04/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.2		%	0.100	NA	1	-	04/16/21 07:19	121,2540G	RI
Cyanide, Total	0.26	J	mg/kg	1.1	0.23	1	04/16/21 21:25	04/19/21 10:44	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.877	0.175	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Project Name: STEVENSON COMMONS **Lab Number:** L2119400

Project Number: 13453 **Report Date:** 04/20/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-04,12-16 Batch: WG1487020-1										
Cyanide, Total	ND		mg/kg	0.85	0.18	1	04/16/21 10:30	04/16/21 13:10	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 05-11,17-19 Batch: WG1487287-1										
Cyanide, Total	ND		mg/kg	0.95	0.20	1	04/16/21 18:55	04/19/21 11:24	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 20-29 Batch: WG1487288-1										
Cyanide, Total	ND		mg/kg	0.95	0.20	1	04/16/21 18:55	04/19/21 11:24	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 30-38 Batch: WG1487352-1										
Cyanide, Total	ND		mg/kg	0.98	0.21	1	04/16/21 21:25	04/19/21 10:29	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 01-10 Batch: WG1488085-1										
Chromium, Hexavalent	0.200	J	mg/kg	0.800	0.160	1	04/19/21 17:56	04/20/21 02:31	1,7196A	JT
General Chemistry - Westborough Lab for sample(s): 11-20 Batch: WG1488086-1										
Chromium, Hexavalent	0.200	J	mg/kg	0.800	0.160	1	04/19/21 17:56	04/20/21 02:31	1,7196A	JT
General Chemistry - Westborough Lab for sample(s): 21-30 Batch: WG1488116-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA
General Chemistry - Westborough Lab for sample(s): 31-38 Batch: WG1488118-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	04/19/21 23:40	04/20/21 18:12	1,7196A	NA

Lab Control Sample Analysis

Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04,12-16 Batch: WG1487020-2 WG1487020-3								
Cyanide, Total	**71**	Q	**58**	Q	80-120	20		35
General Chemistry - Westborough Lab Associated sample(s): 05-11,17-19 Batch: WG1487287-2 WG1487287-3								
Cyanide, Total	**48**	Q	**73**	Q	80-120	35		35
General Chemistry - Westborough Lab Associated sample(s): 20-29 Batch: WG1487288-2 WG1487288-3								
Cyanide, Total	**48**	Q	**73**	Q	80-120	35		35
General Chemistry - Westborough Lab Associated sample(s): 30-38 Batch: WG1487352-2 WG1487352-3								
Cyanide, Total	**35**	Q	**49**	Q	80-120	33		35
General Chemistry - Westborough Lab Associated sample(s): 01-10 Batch: WG1488085-2								
Chromium, Hexavalent	104		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 11-20 Batch: WG1488086-2								
Chromium, Hexavalent	104		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 21-30 Batch: WG1488116-2								
Chromium, Hexavalent	104		-		80-120	-		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119400

Report Date: 04/20/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 31-38 Batch: WG1488118-2					
Chromium, Hexavalent	104	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119400
Report Date: 04/20/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04,12-16 QC Batch ID: WG1487020-4 WG1487020-5 QC Sample: L2119400-14 Client ID: B3SB-1 (8-10)												
Cyanide, Total	ND	11	10	92		10	90		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 05-11,17-19 QC Batch ID: WG1487287-4 WG1487287-5 QC Sample: L2119400-19 Client ID: OSSB-4 (0-2)												
Cyanide, Total	ND	11	12	100		12	100		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 20-29 QC Batch ID: WG1487288-4 WG1487288-5 QC Sample: L2119400-29 Client ID: OSSB-6 (0-2)												
Cyanide, Total	ND	11	10	88		9.0	81		75-125	11		35
General Chemistry - Westborough Lab Associated sample(s): 30-38 QC Batch ID: WG1487352-4 WG1487352-5 QC Sample: L2119400-38 Client ID: B6SB-1 (8-10)												
Cyanide, Total	0.26J	10	10	92		9.0	82		75-125	11		35
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1488085-4 QC Sample: L2119400-02 Client ID: B2SB-2 (8-10)												
Chromium, Hexavalent	0.241J	1240	1180	95		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 11-20 QC Batch ID: WG1488086-4 QC Sample: L2119400-14 Client ID: B3SB-1 (8-10)												
Chromium, Hexavalent	0.282J	1530	1570	102		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 21-30 QC Batch ID: WG1488116-4 QC Sample: L2119400-25 Client ID: B4SB-2 (0-2)												
Chromium, Hexavalent	ND	1110	1060	96		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 31-38 QC Batch ID: WG1488118-4 QC Sample: L2119400-33 Client ID: B6SB-2 (0-2)												
Chromium, Hexavalent	ND	1350	1290	96		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1486966-1 QC Sample: L2119400-03 Client ID: B1SB-1 (0-2)						
Solids, Total	89.2	89.2	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 21-38 QC Batch ID: WG1486967-1 QC Sample: L2119400-21 Client ID: B4SB-1 (0-2)						
Solids, Total	89.9	90.1	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1488085-6 QC Sample: L2119400-02 Client ID: B2SB-2 (8-10)						
Chromium, Hexavalent	0.241J	0.344J	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 11-20 QC Batch ID: WG1488086-6 QC Sample: L2119400-14 Client ID: B3SB-1 (8-10)						
Chromium, Hexavalent	0.282J	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 21-30 QC Batch ID: WG1488116-6 QC Sample: L2119400-25 Client ID: B4SB-2 (0-2)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 31-38 QC Batch ID: WG1488118-6 QC Sample: L2119400-33 Client ID: B6SB-2 (0-2)						
Chromium, Hexavalent	ND	0.224J	mg/kg	NC		20

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2119400-01A	Vial MeOH preserved	C	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2119400-01B	Vial water preserved	C	NA		3.8	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-01C	Vial water preserved	C	NA		3.8	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-01D	Plastic 2oz unpreserved for TS	C	NA		3.8	Y	Absent		TS(7)
L2119400-01E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-01F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-02A	Vial MeOH preserved	C	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2119400-02B	Vial water preserved	C	NA		3.8	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-02C	Vial water preserved	C	NA		3.8	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-02D	Plastic 2oz unpreserved for TS	C	NA		3.8	Y	Absent		TS(7)
L2119400-02E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2119400-02F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-03A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14),NYTCL-8260H(14)
L2119400-03B	Vial water preserved	B	NA		4.6	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14),NYTCL-8260H(14)
L2119400-03C	Vial water preserved	B	NA		4.6	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14),NYTCL-8260H(14)
L2119400-03D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2119400-03E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2119400-03F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-04A	Vial MeOH preserved	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2119400-04B	Vial water preserved	A	NA		4.3	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-04C	Vial water preserved	A	NA		4.3	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-04D	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2119400-04E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-04F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-05A	Vial MeOH preserved	C	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2119400-05B	Vial water preserved	C	NA		3.8	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-05C	Vial water preserved	C	NA		3.8	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-05D	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-05E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-06A	Vial MeOH preserved	D	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2119400-06B	Vial water preserved	D	NA		4.0	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-06C	Vial water preserved	D	NA		4.0	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-06D	Plastic 2oz unpreserved for TS	D	NA		4.0	Y	Absent		TS(7)
L2119400-06E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-06F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-07A	Vial MeOH preserved	C	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2119400-07B	Vial water preserved	C	NA		3.8	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2119400-07C	Vial water preserved	C	NA		3.8	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-07D	Plastic 2oz unpreserved for TS	C	NA		3.8	Y	Absent		TS(7)
L2119400-07E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2119400-07F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-07F1	Glass 250ml unpreserved split	D	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-08A	Vial MeOH preserved	C	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2119400-08B	Vial water preserved	C	NA		3.8	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-08C	Vial water preserved	C	NA		3.8	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-08D	Plastic 2oz unpreserved for TS	C	NA		3.8	Y	Absent		TS(7)
L2119400-08E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2119400-08F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-09A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2119400-09B	Vial water preserved	B	NA		4.6	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-09C	Vial water preserved	B	NA		4.6	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-09D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2119400-09E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-09F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-10A	Vial MeOH preserved	A	NA		4.3	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2119400-10B	Vial water preserved	A	NA		4.3	Y	Absent	12-APR-21 16:00	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2119400-10C	Vial water preserved	A	NA		4.3	Y	Absent	12-APR-21 16:00	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2119400-10D	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2119400-10E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-10F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-11A	Vial MeOH preserved	D	NA		4.0	Y	Absent		NYTCL-8260HLW(14)
L2119400-11B	Vial water preserved	D	NA		4.0	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-11C	Vial water preserved	D	NA		4.0	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-11D	Plastic 2oz unpreserved for TS	D	NA		4.0	Y	Absent		TS(7)
L2119400-11E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-11F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-12A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2119400-12B	Vial water preserved	B	NA		4.6	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-12C	Vial water preserved	B	NA		4.6	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-12D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2119400-12E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-12F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-13A	Vial MeOH preserved	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2119400-13B	Vial water preserved	A	NA		4.3	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-13C	Vial water preserved	A	NA		4.3	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-13D	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2119400-13E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-13F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-14A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2119400-14B	Vial water preserved	B	NA		4.6	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-14C	Vial water preserved	B	NA		4.6	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-14D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2119400-14E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-14F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-14X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2119400-15A	Vial MeOH preserved	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2119400-15B	Vial water preserved	A	NA		4.3	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-15C	Vial water preserved	A	NA		4.3	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-15D	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2119400-15E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2119400-15F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-15X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2119400-16A	Vial MeOH preserved	C	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2119400-16B	Vial water preserved	C	NA		3.8	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-16C	Vial water preserved	C	NA		3.8	Y	Absent	12-APR-21 16:00	NYTCL-8260HLW(14)
L2119400-16D	Plastic 2oz unpreserved for TS	C	NA		3.8	Y	Absent		TS(7)
L2119400-16E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2119400-16F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-17A	Vial MeOH preserved	C	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2119400-17B	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-17C	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-17D	Plastic 2oz unpreserved for TS	C	NA		3.8	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2119400-17E	Glass 250ml/8oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-17F	Glass 250ml/8oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-18A	Vial MeOH preserved	C	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2119400-18B	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-18C	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-18D	Plastic 2oz unpreserved for TS	C	NA		3.8	Y	Absent		TS(7)
L2119400-18E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2119400-18F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-19A	Vial MeOH preserved	C	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2119400-19B	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-19C	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-19D	Plastic 2oz unpreserved for TS	C	NA		3.8	Y	Absent		TS(7)
L2119400-19E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-19F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-20A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2119400-20B	Vial water preserved	B	NA		4.6	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-20C	Vial water preserved	B	NA		4.6	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-20D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2119400-20E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-20F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-21A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

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Project Number: 13453

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Report Date: 04/20/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2119400-21B	Vial water preserved	B	NA		4.6	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-21C	Vial water preserved	B	NA		4.6	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-21D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2119400-21E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2119400-21F	Glass 250ml/8oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-21X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2119400-22A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2119400-22B	Vial water preserved	B	NA		4.6	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-22C	Vial water preserved	B	NA		4.6	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-22D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2119400-22E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2119400-22F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-23A	Vial MeOH preserved	C	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2119400-23B	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-23C	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-23D	Plastic 2oz unpreserved for TS	C	NA		3.8	Y	Absent		TS(7)
L2119400-23E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2119400-23F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-24A	Vial MeOH preserved	C	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2119400-24B	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-24C	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-24D	Plastic 2oz unpreserved for TS	C	NA		3.8	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

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Project Number: 13453

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Report Date: 04/20/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2119400-24E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-24F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-25A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2119400-25B	Vial water preserved	B	NA		4.6	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-25C	Vial water preserved	B	NA		4.6	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-25D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2119400-25E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2119400-25F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-26A	Vial MeOH preserved	C	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2119400-26B	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-26C	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-26D	Plastic 2oz unpreserved for TS	C	NA		3.8	Y	Absent		TS(7)
L2119400-26E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-26F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-27A	Vial MeOH preserved	C	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2119400-27B	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-27C	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-27D	Plastic 2oz unpreserved for TS	C	NA		3.8	Y	Absent		TS(7)
L2119400-27E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-27F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-28A	Vial MeOH preserved	C	NA		3.8	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2119400-28B	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-28C	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-28D	Plastic 2oz unpreserved for TS	C	NA		3.8	Y	Absent		TS(7)
L2119400-28E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-28F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-29A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2119400-29B	Vial water preserved	B	NA		4.6	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-29C	Vial water preserved	B	NA		4.6	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-29D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2119400-29E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-29F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-30A	Vial MeOH preserved	C	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2119400-30B	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-30C	Vial water preserved	C	NA		3.8	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-30D	Plastic 2oz unpreserved for TS	C	NA		3.8	Y	Absent		TS(7)
L2119400-30E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-30F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-31A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2119400-31B	Vial water preserved	B	NA		4.6	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-31C	Vial water preserved	B	NA		4.6	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-31D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2119400-31E	Glass 250ml/8oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2119400-31F	Glass 250ml/8oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-32A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2119400-32B	Vial water preserved	B	NA		4.6	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-32C	Vial water preserved	B	NA		4.6	Y	Absent	13-APR-21 15:30	NYTCL-8260HLW(14)
L2119400-32D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2119400-32E	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-32F	Glass 250ml/8oz unpreserved	D	NA		4.0	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-33A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2119400-33B	Vial water preserved	B	NA		4.6	Y	Absent	14-APR-21 13:45	NYTCL-8260HLW(14)
L2119400-33C	Vial water preserved	B	NA		4.6	Y	Absent	14-APR-21 13:45	NYTCL-8260HLW(14)
L2119400-33D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2119400-33E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2119400-33F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-34A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2119400-34B	Vial water preserved	B	NA		4.6	Y	Absent	14-APR-21 13:45	NYTCL-8260HLW(14)
L2119400-34C	Vial water preserved	B	NA		4.6	Y	Absent	14-APR-21 13:45	NYTCL-8260HLW(14)
L2119400-34D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2119400-34E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2119400-34F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-35A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2119400-35B	Vial water preserved	B	NA		4.6	Y	Absent	14-APR-21 13:45	NYTCL-8260HLW(14)
L2119400-35C	Vial water preserved	B	NA		4.6	Y	Absent	14-APR-21 13:45	NYTCL-8260HLW(14)
L2119400-35D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119400
Report Date: 04/20/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2119400-35E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-35F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-36A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2119400-36B	Vial water preserved	B	NA		4.6	Y	Absent	14-APR-21 13:45	NYTCL-8260HLW(14)
L2119400-36C	Vial water preserved	B	NA		4.6	Y	Absent	14-APR-21 13:45	NYTCL-8260HLW(14)
L2119400-36D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2119400-36E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2119400-36F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-37A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L2119400-37B	Vial water preserved	B	NA		4.6	Y	Absent	14-APR-21 13:45	NYTCL-8260HLW(14)
L2119400-37C	Vial water preserved	B	NA		4.6	Y	Absent	14-APR-21 13:45	NYTCL-8260HLW(14)
L2119400-37D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L2119400-37E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2119400-37F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2119400-38A	Vial MeOH preserved	C	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2119400-38B	Vial water preserved	C	NA		3.8	Y	Absent	14-APR-21 13:45	NYTCL-8260HLW(14)
L2119400-38C	Vial water preserved	C	NA		3.8	Y	Absent	14-APR-21 13:45	NYTCL-8260HLW(14)
L2119400-38D	Plastic 2oz unpreserved for TS	C	NA		3.8	Y	Absent		TS(7)
L2119400-38E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2119400-38F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name:	STEVENSON COMMONS	**Lab Number:**	L2119400
Project Number:	13453	**Report Date:**	04/20/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	STEVENSON COMMONS	**Lab Number:**	L2119400
Project Number:	13453	**Report Date:**	04/20/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	STEVENSON COMMONS	**Lab Number:**	L2119400
Project Number:	13453	**Report Date:**	04/20/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name:	STEVENSON COMMONS	**Lab Number:**	L2119400
Project Number:	13453	**Report Date:**	04/20/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

107 Alpha Analytical - In-house calculation method.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW JERSEY CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 4

Date Rec'd in Lab: 4/16/21

ALPHA Job #: L2119400

Client Information
Client: Impact Environmental
Address: 170 Keyland Ct.
Phone: 631 269-8800
Fax:
Email: dfrohnhofer@impactenvironmental.com

Project Information
Project Name: Stevenson Commons
Project Location: 1850 Lafayette Avenue
Project #: 13453
(Use Project name as Project #) ☐
Project Manager: Dan Frohnhofer
ALPHAQuote #:

Turn-Around Time
Standard ☒ (Impact 3 Day) Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Billing Information
☐ Same as Client Info
PO #

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
* 5035 Kit frozen 4/12/21 @ 1600 *

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 VOC	Part 375 SVOC	Part 375 PCB	Part 375 pesticide	TAL Metals	Total Bottle	Sample Specific Comments
19400-01	B2SB-2 (0-2)	4/12/21	900	S	LR	X	X	X	X	X		
-02	B2SB-2 (8-10)	4/12/21	910	S	LR	X	X	X	X	X		
-03	B1SB-1 (0-2)	4/12/21	940	S	LR	X	X	X	X	X		
-04	B1SB-1 (8-10)	4/12/21	941	S	LR	X	X	X	X	X		
-05	OSSB-2 (0-2)	4/12/21	1030	S	LR	X	X	X	X	X		
-06	OSSB-2 (2-4)	4/12/21	1039	S	LR	X	X	X	X	X		
-07	OSSB-1 (0-2)	4/12/21	1115	S	LR	X	X	X	X	X		
-08	OSSB-1 (2-4)	4/12/21	1119	S	LR	X	X	X	X	X		
-09	B3SB-2 (0-2)	4/12/21	1150	S	LR	X	X	X	X	X		
-10	B1SB-2 (8-10)	4/12/21	1157	S	LR	X	X	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	4/15/21 1600		
	4/15/21 2100		4/16/21 2030
	4/16/21 0055		4/16/21 0055

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-14 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW JERSEY CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 4

Date Rec'd in Lab: 4/16/21

ALPHA Job #: L2119400

Client Information
Client: Impact Environmental
Address: 170 Keyland ct.
Phone: 631-269-8800
Fax:
Email:

Project Information
Project Name: Stevenson Commons
Project Location: 1850 Lafayette Ave
Project #: 13453
(Use Project name as Project #) ☐
Project Manager: Dan Fruhauf
ALPHAQuote #:

Turn-Around Time
Standard ☒ (Impact 3 day standard) Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Billing Information
☐ Same as Client Info
PO #

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
*4/12/21 5035 kit frozen @ 1600
*4/13/21 5035 kit frozen @ 1530
Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 VOC	Part 375 SVOC	Part 375 PCB	Part 375 Pesticides	TAL Metals	Sample Specific Comments	Total Bottle
19400-11	B25B-1 (0-2)	4/12/21	1215	S	LR	X	X	X	X	X		
-12	B25B-1 (8-10)	4/12/21	1215	S	LR	X	X	X	X	X		
-13	B35B-1 (0-2)	4/12/21	1240	S	LR	X	X	X	X	X		
-14	B35B-1 (8-10)	4/12/21	1257	S	LR	X	X	X	X	X		
-15	B33B-2 (0-2)	4/12/21	1330	S	LR	X	X	X	X	X		
-16	B33B-2 (8-10)	4/12/21	1395	S	LR	X	X	X	X	X		
-17	03SB-3 (0-2)	4/13/21	800	S	LR	X	X	X	X	X		
-18	03SB-3 (2-4)	4/13/21	805	S	LR	X	X	X	X	X		
-19	03SB-4 (0-2)	4/13/21	840	S	LR	X	X	X	X	X		
-20	03SB-4 (2-4)	4/13/21	850	S	LR	X	X	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
	4/15/21 1600		4/16/21 0053
	4/15/21 1900		4/15/21 2053
	4/16/21 0053		4/16/21 0053

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-14 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

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FAX: 508-898-9193

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TEL: 508-822-9300
FAX: 508-822-3288

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Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 4

Date Rec'd in Lab 4/16/21

ALPHA Job # L2119400

Client Information
Client: Impact environmental
Address: 170 Keyland Ct.
Phone: 631-269-8800
Fax:
Email:

Project Information
Project Name: Stevenson Commons
Project Location: 1850 Lafayette Ave
Project # 13453
(Use Project name as Project #) ☐
Project Manager: Dara Fruhauf
ALPHAQuote #:

Turn-Around Time
Standard ☒ Impact 5 Day Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
* 5035 kit frozen 4/13/21 @ 1530*

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 VOC	Part 375 SVOC	Part 375 PCB	Part 375 Pesticide	TAL Metals	Total Bottle	Sample Specific Comments
19400.21	B4SB-1 (0-2)	4/13	1000	S	LR	X	X	X	X	X		
-22	B4SB-1 (8-10)	4/13	1015	S	LR	X	X	X	X	X		
-23	B5SB-1 (0-2)	4/13	1040	S	LR	X	X	X	X	X		
-24	B5SB-1 (8-10)	4/13	1050	S	LR	X	X	X	X	X		
-25	B4SB-2 (0-2)	4/13	1100	S	LR	X	X	X	X	X		
-26	B4SB-2 (8-10)	4/13	1130	S	LR	X	X	X	X	X		
-27	B5SB-2 (0-2)	4/13	1200	S	LR	X	X	X	X	X		
-28	B5SB-2 (8-10)	4/13	1215	S	LR	X	X	X	X	X		
-29	DUP-6 (0-2)	4/13	1240	S	LR	X	X	X	X	X		
-30	DUP-6 (2-4)	4/13	1245	S	LR	X	X	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type											
Preservative											

Relinquished By:	Date/Time	Received By:	Date/Time
	4/15/21 1600		4/16/21 1815
	4/15/21 2100		4/15/21 2032
	4/16/21 0050		4/16/21 0050

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

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Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 4 of 4

Date Rec'd in Lab: 4/16/21

ALPHA Job #: L2119400

Client Information
Client: Impact Environmental
Address: 170 Keyland Ct.
Phone: 631-269-8800
Fax:
Email:

Project Information
Project Name: Stevenson Commons
Project Location: 1850 Lafayette Avenue
Project #: 13453
(Use Project name as Project #)
Project Manager: Dan Fruhauf
ALPHAQuote #:

Turn-Around Time
Standard [X] Impact 3 day Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] NJ Full / Reduced
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[ ] SRS Residential/Non Residential
[ ] SRS Impact to Groundwater
[ ] NJ Ground Water Quality Standards
[ ] NJ IGW SPLP Leachate Criteria
[ ] Other

Billing Information
[ ] Same as Client Info
PO #

Site Information
Is this site impacted by Petroleum? Yes [ ]
Petroleum Product:

These samples have been previously analyzed by Alpha [ ]

For EPH, selection is REQUIRED:
[ ] Category 1
[ ] Category 2

For VOC, selection is REQUIRED:
[ ] 1,4-Dioxane
[ ] 8011

Other project specific requirements/comments:
* 5035 Kit (4/13) frozen @ 1530
* 5035 Kit (4/14) frozen @ 1345
Please specify Metals or TAL.

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part-375 VOC	Part-375 SVOC	Part-375 PCB	Part-375 Pesticides	TAL Metals				Total Bottle
194100-31	OSSB-5 (0-2)	4/13	1300	S	LR	X	X	X	X	X				
-32	OSSB-5 (2-4)	4/13	1310	S	LR	X	X	X	X	X				
-33	B6SB-2 (0-2)	4/14	700	S	LR	X	X	X	X	X				
-34	B6SB-2 (8-10)	4/14	715	S	LR	X	X	X	X	X				
-35	OSSB-7 (0-2)	4/14	721	S	LR	X	X	X	X	X				
-36	OSSB-7 (2-4)	4/14	727	S	LR	X	X	X	X	X				
-37	B6SB-1 (0-2)	4/14	830	S	LR	X	X	X	X	X				
-38	B6 SB-1 (8-10)	4/14	840	S	LR	X	X	X	X	X				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type														
Preservative														

Relinquished By:	Date/Time	Received By:	Date/Time
	4/15/21 1600		4/15/21 1800
	4/16/21 2100		4/16/21 2030
	4/16/21 0050		4/16/21 0050

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-14 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2118433
Client:	Impact Environmental 170 Keyland Ct Bohemia, NY 11716
ATTN:	Dan Fruhauf
Phone:	(631) 269-8800
Project Name:	NEW STEVENSON COMMONS
Project Number:	13453
Report Date:	04/15/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2118433
Report Date: 04/15/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2118433-01	B2-MW-1	WATER	BRONX, NY	04/12/21 09:15	04/12/21
L2118433-02	B4-MW-1	WATER	BRONX, NY	04/12/21 10:15	04/12/21
L2118433-03	B5-MW-1	WATER	BRONX, NY	04/12/21 11:15	04/12/21
L2118433-04	B6-MW-1	WATER	BRONX, NY	04/12/21 12:15	04/12/21
L2118433-05	B3-MW-1	WATER	BRONX, NY	04/12/21 13:15	04/12/21
L2118433-06	B1-MW-1	WATER	BRONX, NY	04/12/21 14:15	04/12/21

Project Name:	NEW STEVENSON COMMONS	**Lab Number:**	L2118433
Project Number:	13453	**Report Date:**	04/15/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	NEW STEVENSON COMMONS	**Lab Number:**	L2118433
Project Number:	13453	**Report Date:**	04/15/21

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

The WG1485615-3 MS recovery for sodium (220%), performed on L2118433-01, does not apply because the sample concentration is greater than four times the spike amount added.

Dissolved Metals

The WG1485631-3 MS recoveries for calcium (150%) and sodium (370%), performed on L2118433-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 04/15/21

ORGANICS

VOLATILES

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-01
Client ID: B2-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 09:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 04/13/21 14:03
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	0.88	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-01 Date Collected: 04/12/21 09:15

Client ID: B2-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-01 Date Collected: 04/12/21 09:15

Client ID: B2-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	92		70-130

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-02 Date Collected: 04/12/21 10:15
Client ID: B4-MW-1 Date Received: 04/12/21
Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 04/13/21 14:29
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-02 Date Collected: 04/12/21 10:15

Client ID: B4-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-02 Date Collected: 04/12/21 10:15

Client ID: B4-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-03 Date Collected: 04/12/21 11:15
Client ID: B5-MW-1 Date Received: 04/12/21
Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 04/13/21 14:57
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-03 Date Collected: 04/12/21 11:15

Client ID: B5-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-03 Date Collected: 04/12/21 11:15

Client ID: B5-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	91		70-130

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-04 Date Collected: 04/12/21 12:15
Client ID: B6-MW-1 Date Received: 04/12/21
Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 04/13/21 15:24
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.26	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-04 Date Collected: 04/12/21 12:15

Client ID: B6-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-04 Date Collected: 04/12/21 12:15

Client ID: B6-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-05
Client ID: B3-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 13:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 04/13/21 15:51
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-05 Date Collected: 04/12/21 13:15

Client ID: B3-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-05 Date Collected: 04/12/21 13:15

Client ID: B3-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	90		70-130

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-06
Client ID: B1-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 14:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 04/13/21 16:18
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-06 Date Collected: 04/12/21 14:15

Client ID: B1-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	8.0		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-06 Date Collected: 04/12/21 14:15

Client ID: B1-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	91		70-130

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/13/21 11:48
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1485860-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/13/21 11:48
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1485860-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	1.8	J	ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/13/21 11:48
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1485860-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2118433
Report Date: 04/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1485860-3 WG1485860-4								
Methylene chloride	97		99		70-130	2		20
1,1-Dichloroethane	99		99		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	83		81		63-132	2		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	100		98		63-130	2		20
1,1,2-Trichloroethane	120		120		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	80		79		62-150	1		20
1,2-Dichloroethane	96		96		70-130	0		20
1,1,1-Trichloroethane	90		89		67-130	1		20
Bromodichloromethane	98		98		67-130	0		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	99		99		70-130	0		20
1,1-Dichloropropene	100		96		70-130	4		20
Bromoform	100		96		54-136	4		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	110		100		70-130	10		20
Toluene	110		110		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	72		74		64-130	3		20
Bromomethane	59		53		39-139	11		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2118433
Report Date: 04/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1485860-3 WG1485860-4								
Vinyl chloride	71		70		55-140	1		20
Chloroethane	77		74		55-138	4		20
1,1-Dichloroethene	91		87		61-145	4		20
trans-1,2-Dichloroethene	96		94		70-130	2		20
Trichloroethene	91		89		70-130	2		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	110		100		70-130	10		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	99		96		70-130	3		20
Dibromomethane	99		99		70-130	0		20
1,2,3-Trichloropropane	110		110		64-130	0		20
Acrylonitrile	100		110		70-130	10		20
Styrene	110		105		70-130	5		20
Dichlorodifluoromethane	51		49		36-147	4		20
Acetone	98		100		58-148	2		20
Carbon disulfide	91		88		51-130	3		20
2-Butanone	98		100		63-138	2		20
Vinyl acetate	120		120		70-130	0		20
4-Methyl-2-pentanone	100		110		59-130	10		20
2-Hexanone	98		100		57-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2118433
Report Date: 04/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1485860-3 WG1485860-4								
Bromochloromethane	94		98		70-130	4		20
2,2-Dichloropropane	97		96		63-133	1		20
1,2-Dibromoethane	110		100		70-130	10		20
1,3-Dichloropropane	120		110		70-130	9		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	110		100		70-130	10		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	120		110		70-130	9		20
1,2-Dibromo-3-chloropropane	84		81		41-144	4		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	110		100		70-130	10		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	94		94		70-130	0		20
n-Propylbenzene	110		100		69-130	10		20
1,2,3-Trichlorobenzene	90		92		70-130	2		20
1,2,4-Trichlorobenzene	100		110		70-130	10		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	82		96		56-162	16		20
p-Diethylbenzene	110		100		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2118433

Report Date: 04/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1485860-3 WG1485860-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	110		100		70-130	10		20
Ethyl ether	98		99		59-134	1		20
trans-1,4-Dichloro-2-butene	82		82		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	112		108		70-130
4-Bromofluorobenzene	112		110		70-130
Dibromofluoromethane	96		93		70-130

SEMIVOLATILES

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-01
Client ID: B2-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 09:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 04/14/21 03:55
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-01 Date Collected: 04/12/21 09:15

Client ID: B2-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	50		15-120
2,4,6-Tribromophenol	42		10-120
4-Terphenyl-d14	57		41-149

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-01
Client ID: B2-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 09:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 04/14/21 07:13
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.06	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.06	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.10	0.01	1
Pyrene	0.07	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-01 Date Collected: 04/12/21 09:15

Client ID: B2-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	72		41-149

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-02
Client ID: B4-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 10:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 04/14/21 06:58
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-02 Date Collected: 04/12/21 10:15

Client ID: B4-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	66		41-149

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-02
Client ID: B4-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 10:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 04/14/21 08:14
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.41		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.25		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.24		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.47		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.11		ug/l	0.10	0.01	1
Chrysene	0.42		ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.04	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.24		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.13		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.06	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.22		ug/l	0.10	0.01	1
Pyrene	0.38		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-02 Date Collected: 04/12/21 10:15

Client ID: B4-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	**136**	Q	10-120
4-Terphenyl-d14	81		41-149

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-03
Client ID: B5-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 11:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 04/14/21 07:21
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.0	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-03 Date Collected: 04/12/21 11:15

Client ID: B5-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	64		41-149

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-03
Client ID: B5-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 11:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 04/14/21 07:33
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.05	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	2.6		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	1.2		ug/l	0.10	0.02	1
Benzo(a)pyrene	1.7		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	4.1		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	1.1		ug/l	0.10	0.01	1
Chrysene	2.5		ug/l	0.10	0.01	1
Acenaphthylene	0.03	J	ug/l	0.10	0.01	1
Anthracene	0.09	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	2.0		ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.54		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.40		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	2.0		ug/l	0.10	0.01	1
Pyrene	2.3		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-03 Date Collected: 04/12/21 11:15

Client ID: B5-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	118		10-120
4-Terphenyl-d14	87		41-149

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-04
Client ID: B6-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 12:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 04/14/21 08:06
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	0.45	J	ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.0	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-04 Date Collected: 04/12/21 12:15

Client ID: B6-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	61		41-149

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-04
Client ID: B6-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 12:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 04/14/21 08:54
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	2.8		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	7.5		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.14		ug/l	0.10	0.05	1
Benzo(a)anthracene	3.8		ug/l	0.10	0.02	1
Benzo(a)pyrene	3.8		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	4.8		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	1.7		ug/l	0.10	0.01	1
Chrysene	3.6		ug/l	0.10	0.01	1
Acenaphthylene	0.35		ug/l	0.10	0.01	1
Anthracene	0.73		ug/l	0.10	0.01	1
Benzo(ghi)perylene	2.1		ug/l	0.10	0.01	1
Fluorene	0.26		ug/l	0.10	0.01	1
Phenanthrene	0.52		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.60		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	2.3		ug/l	0.10	0.01	1
Pyrene	7.4		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.09	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-04 Date Collected: 04/12/21 12:15

Client ID: B6-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	**136**	Q	10-120
4-Terphenyl-d14	80		41-149

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-05
Client ID: B3-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 13:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 04/14/21 07:44
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.1	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-05 Date Collected: 04/12/21 13:15

Client ID: B3-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	60		41-149

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-05
Client ID: B3-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 13:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 04/14/21 08:34
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.26		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	2.8		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	1.3		ug/l	0.10	0.05	1
Benzo(a)anthracene	2.2		ug/l	0.10	0.02	1
Benzo(a)pyrene	1.9		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	1.8		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.61		ug/l	0.10	0.01	1
Chrysene	2.1		ug/l	0.10	0.01	1
Acenaphthylene	0.77		ug/l	0.10	0.01	1
Anthracene	0.86		ug/l	0.10	0.01	1
Benzo(ghi)perylene	1.1		ug/l	0.10	0.01	1
Fluorene	0.62		ug/l	0.10	0.01	1
Phenanthrene	2.5		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.29		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.96		ug/l	0.10	0.01	1
Pyrene	4.4		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.73		ug/l	0.10	0.02	1
Pentachlorophenol	0.14	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-05 Date Collected: 04/12/21 13:15

Client ID: B3-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	115		10-120
4-Terphenyl-d14	67		41-149

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-06
Client ID: B1-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 14:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 04/14/21 06:12
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.7	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-06 Date Collected: 04/12/21 14:15

Client ID: B1-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	55		41-149

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-06
Client ID: B1-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 14:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 04/14/21 07:53
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.19		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.12		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.13		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.19		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.06	J	ug/l	0.10	0.01	1
Chrysene	0.11		ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.03	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.10		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.09	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.10		ug/l	0.10	0.01	1
Pyrene	0.19		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-06 Date Collected: 04/12/21 14:15

Client ID: B1-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	104		10-120
4-Terphenyl-d14	73		41-149

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/13/21 22:13
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1485496-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/13/21 22:13
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1485496-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/13/21 22:13
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1485496-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	42		10-120
4-Terphenyl-d14	52		41-149

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 04/14/21 03:30
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-06 Batch: WG1485497-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	0.02	J	ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 04/14/21 03:30
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 07:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-06 Batch: WG1485497-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	68		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2118433
Report Date: 04/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1485496-2 WG1485496-3								
Acenaphthene	62		66		37-111	6		30
1,2,4-Trichlorobenzene	56		63		39-98	12		30
Hexachlorobenzene	62		69		40-140	11		30
Bis(2-chloroethyl)ether	67		72		40-140	7		30
2-Chloronaphthalene	61		67		40-140	9		30
1,2-Dichlorobenzene	55		63		40-140	14		30
1,3-Dichlorobenzene	54		60		40-140	11		30
1,4-Dichlorobenzene	54		60		36-97	11		30
3,3'-Dichlorobenzidine	41		58		40-140	**34**	Q	30
2,4-Dinitrotoluene	72		80		48-143	11		30
2,6-Dinitrotoluene	77		84		40-140	9		30
Fluoranthene	66		73		40-140	10		30
4-Chlorophenyl phenyl ether	63		69		40-140	9		30
4-Bromophenyl phenyl ether	64		72		40-140	12		30
Bis(2-chloroisopropyl)ether	69		76		40-140	10		30
Bis(2-chloroethoxy)methane	67		77		40-140	14		30
Hexachlorobutadiene	48		54		40-140	12		30
Hexachlorocyclopentadiene	48		56		40-140	15		30
Hexachloroethane	54		61		40-140	12		30
Isophorone	65		72		40-140	10		30
Naphthalene	60		64		40-140	6		30
Nitrobenzene	74		84		40-140	13		30
NDPA/DPA	63		72		40-140	13		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2118433

Report Date: 04/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1485496-2 WG1485496-3								
n-Nitrosodi-n-propylamine	71		80		29-132	12		30
Bis(2-ethylhexyl)phthalate	79		83		40-140	5		30
Butyl benzyl phthalate	74		82		40-140	10		30
Di-n-butylphthalate	68		74		40-140	8		30
Di-n-octylphthalate	76		79		40-140	4		30
Diethyl phthalate	70		77		40-140	10		30
Dimethyl phthalate	71		80		40-140	12		30
Benzo(a)anthracene	68		72		40-140	6		30
Benzo(a)pyrene	63		68		40-140	8		30
Benzo(b)fluoranthene	66		70		40-140	6		30
Benzo(k)fluoranthene	65		69		40-140	6		30
Chrysene	67		70		40-140	4		30
Acenaphthylene	62		68		45-123	9		30
Anthracene	65		70		40-140	7		30
Benzo(ghi)perylene	64		69		40-140	8		30
Fluorene	63		69		40-140	9		30
Phenanthrene	64		70		40-140	9		30
Dibenzo(a,h)anthracene	67		71		40-140	6		30
Indeno(1,2,3-cd)pyrene	66		71		40-140	7		30
Pyrene	63		70		26-127	11		30
Biphenyl	62		68		40-140	9		30
4-Chloroaniline	**35**	Q	51		40-140	**37**	Q	30
2-Nitroaniline	74		84		52-143	13		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2118433

Report Date: 04/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1485496-2 WG1485496-3								
3-Nitroaniline	59		72		25-145	20		30
4-Nitroaniline	64		76		51-143	17		30
Dibenzofuran	61		67		40-140	9		30
2-Methylnaphthalene	59		64		40-140	8		30
1,2,4,5-Tetrachlorobenzene	56		61		2-134	9		30
Acetophenone	67		73		39-129	9		30
2,4,6-Trichlorophenol	70		77		30-130	10		30
p-Chloro-m-cresol	72		81		23-97	12		30
2-Chlorophenol	67		76		27-123	13		30
2,4-Dichlorophenol	73		85		30-130	15		30
2,4-Dimethylphenol	54		65		30-130	18		30
2-Nitrophenol	88		97		30-130	10		30
4-Nitrophenol	67		74		10-80	10		30
2,4-Dinitrophenol	94		94		20-130	0		30
4,6-Dinitro-o-cresol	92		100		20-164	8		30
Pentachlorophenol	80		84		9-103	5		30
Phenol	46		53		12-110	14		30
2-Methylphenol	62		69		30-130	11		30
3-Methylphenol/4-Methylphenol	63		74		30-130	16		30
2,4,5-Trichlorophenol	72		80		30-130	11		30
Benzoic Acid	77		64		10-164	18		30
Benzyl Alcohol	62		69		26-116	11		30
Carbazole	64		72		55-144	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2118433
Report Date: 04/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1485496-2 WG1485496-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		76		21-120
Phenol-d6	56		63		10-120
Nitrobenzene-d5	73		81		23-120
2-Fluorobiphenyl	64		69		15-120
2,4,6-Tribromophenol	86		96		10-120
4-Terphenyl-d14	64		69		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2118433

Report Date: 04/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-06 Batch: WG1485497-2 WG1485497-3								
Acenaphthene	64		70		40-140	9		40
2-Chloronaphthalene	70		77		40-140	10		40
Fluoranthene	75		81		40-140	8		40
Hexachlorobutadiene	68		75		40-140	10		40
Naphthalene	62		68		40-140	9		40
Benzo(a)anthracene	68		73		40-140	7		40
Benzo(a)pyrene	67		69		40-140	3		40
Benzo(b)fluoranthene	73		82		40-140	12		40
Benzo(k)fluoranthene	76		78		40-140	3		40
Chrysene	72		77		40-140	7		40
Acenaphthylene	70		78		40-140	11		40
Anthracene	64		68		40-140	6		40
Benzo(ghi)perylene	66		70		40-140	6		40
Fluorene	70		78		40-140	11		40
Phenanthrene	66		71		40-140	7		40
Dibenzo(a,h)anthracene	71		75		40-140	5		40
Indeno(1,2,3-cd)pyrene	68		73		40-140	7		40
Pyrene	77		82		40-140	6		40
2-Methylnaphthalene	65		72		40-140	10		40
Pentachlorophenol	64		54		40-140	17		40
Hexachlorobenzene	81		75		40-140	8		40
Hexachloroethane	58		61		40-140	5		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2118433

Report Date: 04/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-06 Batch: WG1485497-2 WG1485497-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		58		21-120
Phenol-d6	51		55		10-120
Nitrobenzene-d5	96		105		23-120
2-Fluorobiphenyl	70		76		15-120
2,4,6-Tribromophenol	104		111		10-120
4-Terphenyl-d14	85		92		41-149

PCBS

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-01
Client ID: B2-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 09:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/15/21 20:22
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 04/15/21 15:52
Cleanup Method: EPA 3665A
Cleanup Date: 04/15/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/15/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	B
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	0.114		ug/l	0.071	0.061	1	A
PCBs, Total	0.114		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-02 D
Client ID: B4-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 10:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/15/21 20:30
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 04/15/21 15:52
Cleanup Method: EPA 3665A
Cleanup Date: 04/15/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/15/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.357	0.305	5	A
Aroclor 1221	ND		ug/l	0.357	0.305	5	A
Aroclor 1232	ND		ug/l	0.357	0.305	5	A
Aroclor 1242	ND		ug/l	0.357	0.305	5	A
Aroclor 1248	ND		ug/l	0.357	0.305	5	A
Aroclor 1254	ND		ug/l	0.357	0.305	5	A
Aroclor 1260	9.32		ug/l	0.357	0.305	5	B
Aroclor 1262	ND		ug/l	0.357	0.305	5	A
Aroclor 1268	16.1		ug/l	0.357	0.305	5	B
PCBs, Total	25.4		ug/l	0.357	0.305	5	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	132		30-150	B

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-03
Client ID: B5-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 11:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/15/21 16:07
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 04:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/13/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/15/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	B
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-04
Client ID: B6-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 12:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/15/21 16:15
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 04:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/13/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/15/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	B
Aroclor 1260	ND		ug/l	0.071	0.061	1	B
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-05
Client ID: B3-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 13:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/15/21 19:20
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 04/15/21 15:52
Cleanup Method: EPA 3665A
Cleanup Date: 04/15/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/15/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	2.13		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	2.13		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-06
Client ID: B1-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 14:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/15/21 15:02
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 04:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/13/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/15/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	B
Aroclor 1260	ND		ug/l	0.071	0.061	1	B
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/15/21 13:56
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 04:05
Cleanup Method: EPA 3665A
Cleanup Date: 04/13/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/15/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03-04,06 Batch: WG1485452-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	B
PCBs, Total	ND		ug/l	0.071	0.061	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/15/21 18:39
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 04/15/21 07:57
Cleanup Method: EPA 3665A
Cleanup Date: 04/15/21
Cleanup Method: EPA 3660B
Cleanup Date: 04/15/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02,05 Batch: WG1486513-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	78		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2118433

Report Date: 04/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03-04,06 Batch: WG1485452-2 WG1485452-3									
Aroclor 1016	67		80		40-140	18		50	A
Aroclor 1260	63		77		40-140	20		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		87		30-150	A
Decachlorobiphenyl	67		82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		87		30-150	B
Decachlorobiphenyl	72		86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2118433

Report Date: 04/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,05 Batch: WG1486513-2 WG1486513-3									
Aroclor 1016	86		78		40-140	9		50	A
Aroclor 1260	77		73		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		82		30-150	A
Decachlorobiphenyl	72		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		80		30-150	B
Decachlorobiphenyl	87		83		30-150	B

PESTICIDES

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-01
Client ID: B2-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 09:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/13/21 18:15
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 05:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-01 Date Collected: 04/12/21 09:15

Client ID: B2-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-02
Client ID: B4-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 10:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/13/21 18:26
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 05:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	0.014	JP	ug/l	0.014	0.003	1	B
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	0.040		ug/l	0.014	0.005	1	A
trans-Chlordane	0.061		ug/l	0.014	0.004	1	B
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-02 Date Collected: 04/12/21 10:15

Client ID: B4-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-03
Client ID: B5-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 11:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/13/21 18:37
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 05:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-03 Date Collected: 04/12/21 11:15

Client ID: B5-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	31		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-04
Client ID: B6-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 12:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/13/21 18:49
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 05:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	0.014	JP	ug/l	0.029	0.003	1	B
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-04 Date Collected: 04/12/21 12:15

Client ID: B6-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-05
Client ID: B3-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 13:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/13/21 19:00
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 05:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	0.007	J	ug/l	0.029	0.003	1	B
4,4'-DDD	0.050		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-05 Date Collected: 04/12/21 13:15

Client ID: B3-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-06
Client ID: B1-MW-1
Sample Location: BRONX, NY

Date Collected: 04/12/21 14:15
Date Received: 04/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/13/21 21:54
Analyst: JMC

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 05:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-06 Date Collected: 04/12/21 14:15

Client ID: B1-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	43		30-150	B

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/13/21 17:41
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 05:30

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-06 Batch: WG1485468-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2118433
Report Date: 04/15/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/13/21 17:41
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/13/21 05:30

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-06 Batch: WG1485468-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	62		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2118433

Report Date: 04/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG1485468-2 WG1485468-3									
Delta-BHC	63		58		30-150	8		20	A
Lindane	64		62		30-150	3		20	A
Alpha-BHC	68		66		30-150	4		20	A
Beta-BHC	63		62		30-150	1		20	A
Heptachlor	62		60		30-150	4		20	A
Aldrin	60		57		30-150	5		20	A
Heptachlor epoxide	61		60		30-150	2		20	A
Endrin	65		62		30-150	5		20	A
Endrin aldehyde	68		55		30-150	**21**	Q	20	A
Endrin ketone	73		68		30-150	7		20	A
Dieldrin	64		61		30-150	5		20	A
4,4'-DDE	64		61		30-150	5		20	A
4,4'-DDD	76		71		30-150	6		20	A
4,4'-DDT	78		72		30-150	7		20	A
Endosulfan I	60		57		30-150	6		20	A
Endosulfan II	68		61		30-150	10		20	A
Endosulfan sulfate	63		57		30-150	11		20	A
Methoxychlor	85		81		30-150	5		20	A
cis-Chlordane	58		54		30-150	7		20	A
trans-Chlordane	58		56		30-150	4		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2118433

Report Date: 04/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG1485468-2 WG1485468-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		66		30-150	A
Decachlorobiphenyl	65		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		58		30-150	B
Decachlorobiphenyl	60		58		30-150	B

METALS

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-01 Date Collected: 04/12/21 09:15

Client ID: B2-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.243		mg/l	0.0100	0.00327	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Antimony, Total	0.00336	J	mg/l	0.00400	0.00042	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00063		mg/l	0.00050	0.00016	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Barium, Total	0.04603		mg/l	0.00050	0.00017	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00006	J	mg/l	0.00020	0.00005	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Calcium, Total	80.0		mg/l	0.100	0.0394	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Chromium, Total	0.00059	J	mg/l	0.00100	0.00017	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00043	J	mg/l	0.00050	0.00016	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Copper, Total	0.00904		mg/l	0.00100	0.00038	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Iron, Total	0.374		mg/l	0.0500	0.0191	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Lead, Total	0.00436		mg/l	0.00100	0.00034	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Magnesium, Total	19.8		mg/l	0.0700	0.0242	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Manganese, Total	0.1831		mg/l	0.00100	0.00044	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/13/21 15:52	04/14/21 16:29	EPA 7470A	1,7470A	OU
Nickel, Total	0.00331		mg/l	0.00200	0.00055	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Potassium, Total	13.3		mg/l	0.100	0.0309	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Sodium, Total	177.		mg/l	0.100	0.0293	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Thallium, Total	0.00018	J	mg/l	0.00100	0.00014	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Zinc, Total	0.02141		mg/l	0.01000	0.00341	1	04/13/21 15:47	04/14/21 11:56	EPA 3005A	1,6020B	CD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00854	J	mg/l	0.0100	0.00327	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00305	J	mg/l	0.00400	0.00042	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00051		mg/l	0.00050	0.00016	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.03585		mg/l	0.00050	0.00017	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-01 Date Collected: 04/12/21 09:15

Client ID: B2-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Calcium, Dissolved	74.8		mg/l	0.100	0.0394	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00024	J	mg/l	0.00050	0.00016	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00453		mg/l	0.00100	0.00038	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	18.5		mg/l	0.0700	0.0242	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.1535		mg/l	0.00100	0.00044	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/13/21 14:13	04/14/21 17:09	EPA 7470A	1,7470A	OU
Nickel, Dissolved	0.00262		mg/l	0.00200	0.00055	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Potassium, Dissolved	12.3		mg/l	0.100	0.0309	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Sodium, Dissolved	166.		mg/l	0.100	0.0293	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Thallium, Dissolved	0.00018	J	mg/l	0.00100	0.00014	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD
Zinc, Dissolved	0.02022		mg/l	0.01000	0.00341	1	04/13/21 14:07	04/14/21 10:37	EPA 3005A	1,6020B	CD

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-02 Date Collected: 04/12/21 10:15

Client ID: B4-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6.76		mg/l	0.0100	0.00327	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00187		mg/l	0.00050	0.00016	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Barium, Total	0.1869		mg/l	0.00050	0.00017	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Beryllium, Total	0.00029	J	mg/l	0.00050	0.00010	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00034		mg/l	0.00020	0.00005	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Calcium, Total	71.5		mg/l	0.100	0.0394	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Chromium, Total	0.01522		mg/l	0.00100	0.00017	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00517		mg/l	0.00050	0.00016	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Copper, Total	0.02720		mg/l	0.00100	0.00038	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Iron, Total	11.0		mg/l	0.0500	0.0191	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Lead, Total	0.06402		mg/l	0.00100	0.00034	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Magnesium, Total	43.4		mg/l	0.0700	0.0242	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Manganese, Total	1.933		mg/l	0.00100	0.00044	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/13/21 15:52	04/14/21 15:44	EPA 7470A	1,7470A	OU
Nickel, Total	0.02377		mg/l	0.00200	0.00055	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Potassium, Total	5.80		mg/l	0.100	0.0309	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Selenium, Total	0.00219	J	mg/l	0.00500	0.00173	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Silver, Total	0.00022	J	mg/l	0.00040	0.00016	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Sodium, Total	53.2		mg/l	0.100	0.0293	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Thallium, Total	0.00015	J	mg/l	0.00100	0.00014	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Vanadium, Total	0.01954		mg/l	0.00500	0.00157	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Zinc, Total	0.06270		mg/l	0.01000	0.00341	1	04/13/21 15:47	04/14/21 13:02	EPA 3005A	1,6020B	CD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00442	J	mg/l	0.0100	0.00327	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.06224		mg/l	0.00050	0.00017	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-02 Date Collected: 04/12/21 10:15

Client ID: B4-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00024		mg/l	0.00020	0.00005	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Calcium, Dissolved	67.6		mg/l	0.100	0.0394	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00093		mg/l	0.00050	0.00016	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00075	J	mg/l	0.00100	0.00038	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	39.5		mg/l	0.0700	0.0242	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Manganese, Dissolved	1.702		mg/l	0.00100	0.00044	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/13/21 14:13	04/14/21 16:52	EPA 7470A	1,7470A	OU
Nickel, Dissolved	0.01313		mg/l	0.00200	0.00055	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Potassium, Dissolved	3.98		mg/l	0.100	0.0309	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Sodium, Dissolved	52.8		mg/l	0.100	0.0293	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD
Zinc, Dissolved	0.00621	J	mg/l	0.01000	0.00341	1	04/13/21 14:07	04/14/21 10:42	EPA 3005A	1,6020B	CD

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-03 Date Collected: 04/12/21 11:15

Client ID: B5-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5.89		mg/l	0.0100	0.00327	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Antimony, Total	0.00045	J	mg/l	0.00400	0.00042	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00563		mg/l	0.00050	0.00016	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Barium, Total	0.1036		mg/l	0.00050	0.00017	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Beryllium, Total	0.00035	J	mg/l	0.00050	0.00010	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00022		mg/l	0.00020	0.00005	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Calcium, Total	46.0		mg/l	0.100	0.0394	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Chromium, Total	0.01810		mg/l	0.00100	0.00017	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00461		mg/l	0.00050	0.00016	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Copper, Total	0.01740		mg/l	0.00100	0.00038	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Iron, Total	40.6		mg/l	0.0500	0.0191	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Lead, Total	0.1631		mg/l	0.00100	0.00034	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Magnesium, Total	48.3		mg/l	0.0700	0.0242	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Manganese, Total	0.3473		mg/l	0.00100	0.00044	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Mercury, Total	0.00013	J	mg/l	0.00020	0.00009	1	04/13/21 15:52	04/14/21 16:32	EPA 7470A	1,7470A	OU
Nickel, Total	0.01115		mg/l	0.00200	0.00055	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Potassium, Total	14.9		mg/l	0.100	0.0309	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Selenium, Total	0.00201	J	mg/l	0.00500	0.00173	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Silver, Total	0.00016	J	mg/l	0.00040	0.00016	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Sodium, Total	99.6		mg/l	0.100	0.0293	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Vanadium, Total	0.02406		mg/l	0.00500	0.00157	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Zinc, Total	0.1131		mg/l	0.01000	0.00341	1	04/13/21 15:47	04/14/21 13:08	EPA 3005A	1,6020B	CD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00867	J	mg/l	0.0100	0.00327	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00024	J	mg/l	0.00050	0.00016	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.01508		mg/l	0.00050	0.00017	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-03 Date Collected: 04/12/21 11:15

Client ID: B5-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Calcium, Dissolved	42.4		mg/l	0.100	0.0394	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00100		mg/l	0.00100	0.00017	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.596		mg/l	0.0500	0.0191	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	44.5		mg/l	0.0700	0.0242	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.2008		mg/l	0.00100	0.00044	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/13/21 14:13	04/14/21 17:13	EPA 7470A	1,7470A	OU
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Potassium, Dissolved	13.0		mg/l	0.100	0.0309	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Sodium, Dissolved	98.5		mg/l	0.100	0.0293	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	0.00311	J	mg/l	0.00500	0.00157	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	04/13/21 14:07	04/14/21 10:47	EPA 3005A	1,6020B	CD

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-04 Date Collected: 04/12/21 12:15

Client ID: B6-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2.31		mg/l	0.0100	0.00327	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Antimony, Total	0.00058	J	mg/l	0.00400	0.00042	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00542		mg/l	0.00050	0.00016	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Barium, Total	1.169		mg/l	0.00050	0.00017	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Beryllium, Total	0.00022	J	mg/l	0.00050	0.00010	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00037		mg/l	0.00020	0.00005	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Calcium, Total	241.		mg/l	0.100	0.0394	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Chromium, Total	0.00873		mg/l	0.00100	0.00017	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00220		mg/l	0.00050	0.00016	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Copper, Total	0.02132		mg/l	0.00100	0.00038	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Iron, Total	5.59		mg/l	0.0500	0.0191	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Lead, Total	0.2870		mg/l	0.00100	0.00034	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Magnesium, Total	31.0		mg/l	0.0700	0.0242	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Manganese, Total	0.1869		mg/l	0.00100	0.00044	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Mercury, Total	0.00018	J	mg/l	0.00020	0.00009	1	04/13/21 15:52	04/14/21 16:35	EPA 7470A	1,7470A	OU
Nickel, Total	0.01270		mg/l	0.00200	0.00055	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Potassium, Total	16.6		mg/l	0.100	0.0309	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Silver, Total	0.00018	J	mg/l	0.00040	0.00016	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Sodium, Total	140.		mg/l	0.100	0.0293	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Thallium, Total	0.00022	J	mg/l	0.00100	0.00014	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Vanadium, Total	0.02448		mg/l	0.00500	0.00157	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Zinc, Total	0.1253		mg/l	0.01000	0.00341	1	04/13/21 15:47	04/14/21 13:13	EPA 3005A	1,6020B	CD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0140		mg/l	0.0100	0.00327	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00062		mg/l	0.00050	0.00016	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.9703		mg/l	0.00050	0.00017	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-04 Date Collected: 04/12/21 12:15

Client ID: B6-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Calcium, Dissolved	228.		mg/l	0.100	0.0394	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00055	J	mg/l	0.00100	0.00017	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00053	J	mg/l	0.00100	0.00038	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.247		mg/l	0.0500	0.0191	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Lead, Dissolved	0.00118		mg/l	0.00100	0.00034	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	28.9		mg/l	0.0700	0.0242	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.1288		mg/l	0.00100	0.00044	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/13/21 14:13	04/14/21 17:16	EPA 7470A	1,7470A	OU
Nickel, Dissolved	0.00085	J	mg/l	0.00200	0.00055	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Potassium, Dissolved	15.4		mg/l	0.100	0.0309	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Sodium, Dissolved	138.		mg/l	0.100	0.0293	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	0.00654		mg/l	0.00500	0.00157	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	04/13/21 14:07	04/14/21 10:52	EPA 3005A	1,6020B	CD

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-05 Date Collected: 04/12/21 13:15

Client ID: B3-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4.67		mg/l	0.0100	0.00327	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Antimony, Total	0.00399	J	mg/l	0.00400	0.00042	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Arsenic, Total	0.02824		mg/l	0.00050	0.00016	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Barium, Total	0.5125		mg/l	0.00050	0.00017	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Beryllium, Total	0.00038	J	mg/l	0.00050	0.00010	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00255		mg/l	0.00020	0.00005	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Calcium, Total	621.		mg/l	5.00	1.97	50	04/13/21 15:47	04/14/21 16:07	EPA 3005A	1,6020B	CD
Chromium, Total	0.07789		mg/l	0.00100	0.00017	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Cobalt, Total	0.01243		mg/l	0.00050	0.00016	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Copper, Total	0.3746		mg/l	0.00100	0.00038	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Iron, Total	50.3		mg/l	0.0500	0.0191	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Lead, Total	0.5160		mg/l	0.00100	0.00034	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Magnesium, Total	32.5		mg/l	0.0700	0.0242	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Manganese, Total	0.7957		mg/l	0.00100	0.00044	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Mercury, Total	0.00142		mg/l	0.00020	0.00009	1	04/13/21 15:52	04/14/21 16:39	EPA 7470A	1,7470A	OU
Nickel, Total	0.06743		mg/l	0.00200	0.00055	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Potassium, Total	19.0		mg/l	0.100	0.0309	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Selenium, Total	0.00397	J	mg/l	0.00500	0.00173	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Silver, Total	0.00185		mg/l	0.00040	0.00016	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Sodium, Total	23.4		mg/l	0.100	0.0293	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Thallium, Total	0.00025	J	mg/l	0.00100	0.00014	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Vanadium, Total	0.09017		mg/l	0.00500	0.00157	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Zinc, Total	3.836		mg/l	0.01000	0.00341	1	04/13/21 15:47	04/14/21 13:18	EPA 3005A	1,6020B	CD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00456	J	mg/l	0.0100	0.00327	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00163	J	mg/l	0.00400	0.00042	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00369		mg/l	0.00050	0.00016	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.06770		mg/l	0.00050	0.00017	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-05 Date Collected: 04/12/21 13:15

Client ID: B3-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Calcium, Dissolved	562.		mg/l	5.00	1.97	50	04/13/21 14:07	04/14/21 13:45	EPA 3005A	1,6020B	CD
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00229		mg/l	0.00050	0.00016	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00052	J	mg/l	0.00100	0.00038	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.817		mg/l	0.0500	0.0191	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	28.0		mg/l	0.0700	0.0242	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.3206		mg/l	0.00100	0.00044	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/13/21 14:13	04/14/21 17:19	EPA 7470A	1,7470A	OU
Nickel, Dissolved	0.01634		mg/l	0.00200	0.00055	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Potassium, Dissolved	17.6		mg/l	0.100	0.0309	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Selenium, Dissolved	0.00292	J	mg/l	0.00500	0.00173	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Sodium, Dissolved	22.3		mg/l	0.100	0.0293	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD
Zinc, Dissolved	0.06074		mg/l	0.01000	0.00341	1	04/13/21 14:07	04/14/21 12:01	EPA 3005A	1,6020B	CD

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-06 Date Collected: 04/12/21 14:15

Client ID: B1-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4.73		mg/l	0.0100	0.00327	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Antimony, Total	0.00365	J	mg/l	0.00400	0.00042	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00320		mg/l	0.00050	0.00016	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Barium, Total	0.1613		mg/l	0.00050	0.00017	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Beryllium, Total	0.00017	J	mg/l	0.00050	0.00010	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00048		mg/l	0.00020	0.00005	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Calcium, Total	139.		mg/l	0.100	0.0394	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Chromium, Total	0.01140		mg/l	0.00100	0.00017	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Cobalt, Total	0.01425		mg/l	0.00050	0.00016	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Copper, Total	0.02184		mg/l	0.00100	0.00038	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Iron, Total	12.7		mg/l	0.0500	0.0191	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Lead, Total	0.07210		mg/l	0.00100	0.00034	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Magnesium, Total	48.5		mg/l	0.0700	0.0242	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Manganese, Total	2.339		mg/l	0.00100	0.00044	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Mercury, Total	0.00012	J	mg/l	0.00020	0.00009	1	04/13/21 15:52	04/14/21 16:42	EPA 7470A	1,7470A	OU
Nickel, Total	0.01112		mg/l	0.00200	0.00055	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Potassium, Total	15.5		mg/l	0.100	0.0309	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Selenium, Total	0.00257	J	mg/l	0.00500	0.00173	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Sodium, Total	75.7		mg/l	0.100	0.0293	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Thallium, Total	0.00038	J	mg/l	0.00100	0.00014	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Vanadium, Total	0.01971		mg/l	0.00500	0.00157	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Zinc, Total	0.09542		mg/l	0.01000	0.00341	1	04/13/21 15:47	04/14/21 13:40	EPA 3005A	1,6020B	CD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00365	J	mg/l	0.0100	0.00327	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Antimony, Dissolved	0.00100	J	mg/l	0.00400	0.00042	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00073		mg/l	0.00050	0.00016	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.06852		mg/l	0.00050	0.00017	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

SAMPLE RESULTS

Lab ID: L2118433-06 Date Collected: 04/12/21 14:15

Client ID: B1-MW-1 Date Received: 04/12/21

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00070		mg/l	0.00020	0.00005	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Calcium, Dissolved	155.		mg/l	0.100	0.0394	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.01409		mg/l	0.00050	0.00016	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00135		mg/l	0.00100	0.00038	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Iron, Dissolved	2.85		mg/l	0.0500	0.0191	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Lead, Dissolved	0.00057	J	mg/l	0.00100	0.00034	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	46.4		mg/l	0.0700	0.0242	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Manganese, Dissolved	2.249		mg/l	0.00100	0.00044	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/13/21 14:13	04/14/21 17:23	EPA 7470A	1,7470A	OU
Nickel, Dissolved	0.00588		mg/l	0.00200	0.00055	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Potassium, Dissolved	15.1		mg/l	0.100	0.0309	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Sodium, Dissolved	72.4		mg/l	0.100	0.0293	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD
Zinc, Dissolved	0.06092		mg/l	0.01000	0.00341	1	04/13/21 14:07	04/14/21 12:06	EPA 3005A	1,6020B	CD

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1485615-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Barium, Total	ND		mg/l	0.00050	0.00017	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Calcium, Total	ND		mg/l	0.100	0.0394	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Manganese, Total	ND		mg/l	0.00100	0.00044	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Nickel, Total	ND		mg/l	0.00200	0.00055	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Thallium, Total	0.00019	J	mg/l	0.00100	0.00014	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	04/13/21 15:47	04/14/21 11:25	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1485616-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/13/21 15:52	04/14/21 15:30	1,7470A	OU

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1485631-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Thallium, Dissolved	0.00016	J	mg/l	0.00100	0.00014	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD
Zinc, Dissolved	0.00506	J	mg/l	0.01000	0.00341	1	04/13/21 14:07	04/14/21 10:11	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2118433

Project Number: 13453 **Report Date:** 04/15/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1485633-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/13/21 14:13	04/14/21 16:45	1,7470A	OU

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2118433

Report Date: 04/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1485615-2								
Aluminum, Total	96		-		80-120	-		
Antimony, Total	81		-		80-120	-		
Arsenic, Total	97		-		80-120	-		
Barium, Total	96		-		80-120	-		
Beryllium, Total	101		-		80-120	-		
Cadmium, Total	99		-		80-120	-		
Calcium, Total	100		-		80-120	-		
Chromium, Total	91		-		80-120	-		
Cobalt, Total	92		-		80-120	-		
Copper, Total	94		-		80-120	-		
Iron, Total	86		-		80-120	-		
Lead, Total	100		-		80-120	-		
Magnesium, Total	96		-		80-120	-		
Manganese, Total	91		-		80-120	-		
Nickel, Total	89		-		80-120	-		
Potassium, Total	96		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	99		-		80-120	-		
Sodium, Total	97		-		80-120	-		
Thallium, Total	98		-		80-120	-		
Vanadium, Total	91		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2118433

Report Date: 04/15/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1485615-2					
Zinc, Total	97	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1485616-2					
Mercury, Total	89	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2118433

Report Date: 04/15/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1485631-2					
Aluminum, Dissolved	93	-	80-120	-	
Antimony, Dissolved	81	-	80-120	-	
Arsenic, Dissolved	94	-	80-120	-	
Barium, Dissolved	96	-	80-120	-	
Beryllium, Dissolved	99	-	80-120	-	
Cadmium, Dissolved	96	-	80-120	-	
Calcium, Dissolved	94	-	80-120	-	
Chromium, Dissolved	90	-	80-120	-	
Cobalt, Dissolved	90	-	80-120	-	
Copper, Dissolved	92	-	80-120	-	
Iron, Dissolved	89	-	80-120	-	
Lead, Dissolved	98	-	80-120	-	
Magnesium, Dissolved	95	-	80-120	-	
Manganese, Dissolved	89	-	80-120	-	
Nickel, Dissolved	89	-	80-120	-	
Potassium, Dissolved	93	-	80-120	-	
Selenium, Dissolved	92	-	80-120	-	
Silver, Dissolved	94	-	80-120	-	
Sodium, Dissolved	94	-	80-120	-	
Thallium, Dissolved	96	-	80-120	-	
Vanadium, Dissolved	90	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2118433

Report Date: 04/15/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1485631-2					
Zinc, Dissolved	95	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1485633-2					
Mercury, Dissolved	102	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2118433
Report Date: 04/15/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1485615-3 QC Sample: L2118433-01 Client ID: B2-MW-1												
Aluminum, Total	0.243	2	2.18	97		-	-		75-125	-		20
Antimony, Total	0.00336J	0.5	0.4683	94		-	-		75-125	-		20
Arsenic, Total	0.00063	0.12	0.1224	101		-	-		75-125	-		20
Barium, Total	0.04603	2	1.951	95		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05423	108		-	-		75-125	-		20
Cadmium, Total	0.00006J	0.051	0.04960	97		-	-		75-125	-		20
Calcium, Total	80.0	10	91.7	117		-	-		75-125	-		20
Chromium, Total	0.00059J	0.2	0.1786	89		-	-		75-125	-		20
Cobalt, Total	0.00043J	0.5	0.4471	89		-	-		75-125	-		20
Copper, Total	0.00904	0.25	0.2435	94		-	-		75-125	-		20
Iron, Total	0.374	1	1.24	87		-	-		75-125	-		20
Lead, Total	0.00436	0.51	0.5128	100		-	-		75-125	-		20
Magnesium, Total	19.8	10	28.9	91		-	-		75-125	-		20
Manganese, Total	0.1831	0.5	0.6393	91		-	-		75-125	-		20
Nickel, Total	0.00331	0.5	0.4415	88		-	-		75-125	-		20
Potassium, Total	13.3	10	22.9	96		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.127	106		-	-		75-125	-		20
Silver, Total	ND	0.05	0.04754	95		-	-		75-125	-		20
Sodium, Total	177.	10	199	**220**	Q	-	-		75-125	-		20
Thallium, Total	0.00018J	0.12	0.1193	99		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.4519	90		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2118433
Report Date: 04/15/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1485615-3 QC Sample: L2118433-01 Client ID: B2-MW-1									
Zinc, Total	0.02141	0.5	0.4990	96	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1485616-3 QC Sample: L2118433-02 Client ID: B4-MW-1									
Mercury, Total	ND	0.005	0.00521	104	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2118433
Report Date: 04/15/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1485631-3 QC Sample: L2118433-01 Client ID: B2-MW-1										
Aluminum, Dissolved	0.00854J	2	1.97	98		-	-	75-125	-	20
Antimony, Dissolved	0.00305J	0.5	0.5217	104		-	-	75-125	-	20
Arsenic, Dissolved	0.00051	0.12	0.1222	101		-	-	75-125	-	20
Barium, Dissolved	0.03585	2	1.988	98		-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.04963	99		-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.05111	100		-	-	75-125	-	20
Calcium, Dissolved	74.8	10	89.8	**150**	Q	-	-	75-125	-	20
Chromium, Dissolved	ND	0.2	0.1856	93		-	-	75-125	-	20
Cobalt, Dissolved	0.00024J	0.5	0.4720	94		-	-	75-125	-	20
Copper, Dissolved	0.00453	0.25	0.2424	95		-	-	75-125	-	20
Iron, Dissolved	ND	1	0.997	100		-	-	75-125	-	20
Lead, Dissolved	ND	0.51	0.5262	103		-	-	75-125	-	20
Magnesium, Dissolved	18.5	10	29.8	113		-	-	75-125	-	20
Manganese, Dissolved	0.1535	0.5	0.6353	96		-	-	75-125	-	20
Nickel, Dissolved	0.00262	0.5	0.4628	92		-	-	75-125	-	20
Potassium, Dissolved	12.3	10	22.8	105		-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.117	98		-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.04861	97		-	-	75-125	-	20
Sodium, Dissolved	166.	10	203	**370**	Q	-	-	75-125	-	20
Thallium, Dissolved	0.00018J	0.12	0.1247	104		-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.4705	94		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2118433
Report Date: 04/15/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1485631-3 QC Sample: L2118433-01 Client ID: B2-MW-1									
Zinc, Dissolved	0.02022	0.5	0.5115	98	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1485633-3 QC Sample: L2118433-02 Client ID: B4-MW-1									
Mercury, Dissolved	ND	0.005	0.00508	102	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2118433
Report Date: 04/15/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1485615-4 QC Sample: L2118433-01 Client ID: B2-MW-1						
Aluminum, Total	0.243	0.204	mg/l	17		20
Antimony, Total	0.00336J	0.00388J	mg/l	NC		20
Arsenic, Total	0.00063	0.00067	mg/l	7		20
Barium, Total	0.04603	0.04775	mg/l	4		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	0.00006J	0.00008J	mg/l	NC		20
Calcium, Total	80.0	79.6	mg/l	1		20
Chromium, Total	0.00059J	0.00061J	mg/l	NC		20
Cobalt, Total	0.00043J	0.00043J	mg/l	NC		20
Copper, Total	0.00904	0.00887	mg/l	2		20
Iron, Total	0.374	0.392	mg/l	5		20
Lead, Total	0.00436	0.00442	mg/l	1		20
Magnesium, Total	19.8	19.6	mg/l	1		20
Manganese, Total	0.1831	0.1807	mg/l	1		20
Nickel, Total	0.00331	0.00317	mg/l	4		20
Potassium, Total	13.3	13.0	mg/l	2		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	177.	176	mg/l	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2118433

Report Date: 04/15/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1485615-4 QC Sample: L2118433-01 Client ID: B2-MW-1					
Thallium, Total	0.00018J	0.00055J	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	0.02141	0.02157	mg/l	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1485616-4 QC Sample: L2118433-02 Client ID: B4-MW-1					
Mercury, Total	ND	ND	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2118433
Report Date: 04/15/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1485631-4 QC Sample: L2118433-01 Client ID: B2-MW-1					
Aluminum, Dissolved	0.00854J	0.00838J	mg/l	NC	20
Antimony, Dissolved	0.00305J	0.00342J	mg/l	NC	20
Arsenic, Dissolved	0.00051	0.00052	mg/l	1	20
Barium, Dissolved	0.03585	0.03625	mg/l	1	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	0.00007J	mg/l	NC	20
Calcium, Dissolved	74.8	75.2	mg/l	1	20
Chromium, Dissolved	ND	ND	mg/l	NC	20
Cobalt, Dissolved	0.00024J	0.00024J	mg/l	NC	20
Copper, Dissolved	0.00453	0.00443	mg/l	2	20
Iron, Dissolved	ND	0.0225J	mg/l	NC	20
Lead, Dissolved	ND	ND	mg/l	NC	20
Magnesium, Dissolved	18.5	18.6	mg/l	1	20
Manganese, Dissolved	0.1535	0.1529	mg/l	0	20
Nickel, Dissolved	0.00262	0.00281	mg/l	7	20
Potassium, Dissolved	12.3	12.3	mg/l	0	20
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Sodium, Dissolved	166.	166	mg/l	0	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2118433

Report Date: 04/15/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1485631-4 QC Sample: L2118433-01 Client ID: B2-MW-1					
Thallium, Dissolved	0.00018J	0.00054J	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	0.02022	0.02015	mg/l	0	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1485633-4 QC Sample: L2118433-02 Client ID: B4-MW-1					
Mercury, Dissolved	ND	ND	mg/l	NC	20

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2118433
Report Date: 04/15/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2118433-01A	Vial HCl preserved	A	NA		5.2	Y	Absent		NYTCL-8260(14)
L2118433-01B	Vial HCl preserved	A	NA		5.2	Y	Absent		NYTCL-8260(14)
L2118433-01C	Vial HCl preserved	A	NA		5.2	Y	Absent		NYTCL-8260(14)
L2118433-01D	Plastic 250ml unpreserved	A	7	7	5.2	Y	Absent		-
L2118433-01E	Plastic 250ml HNO3 preserved	A	<2	<2	5.2	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),AG-6020T(180),MG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2118433-01F	Amber 120ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8082-LVI(7)
L2118433-01G	Amber 120ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8082-LVI(7)
L2118433-01H	Amber 120ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2118433-01I	Amber 120ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2118433-01J	Amber 250ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2118433-01K	Amber 250ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2118433-01X	Plastic 120ml HNO3 preserved Filtrates	A	NA		5.2	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),MG-6020S(180),BE-6020S(180),CO-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),PB-6020S(180),NI-6020S(180),TL-6020S(180),NA-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),HG-S(28),CD-6020S(180),AL-6020S(180)
L2118433-02A	Vial HCl preserved	A	NA		5.2	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2118433-02B	Vial HCl preserved	A	NA		5.2	Y	Absent		NYTCL-8260(14)
L2118433-02C	Vial HCl preserved	A	NA		5.2	Y	Absent		NYTCL-8260(14)
L2118433-02D	Plastic 250ml unpreserved	A	7	7	5.2	Y	Absent		-
L2118433-02E	Plastic 250ml HNO3 preserved	A	<2	<2	5.2	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2118433-02F	Amber 120ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8082-LVI(7)
L2118433-02G	Amber 120ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8082-LVI(7)
L2118433-02H	Amber 120ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2118433-02I	Amber 120ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2118433-02J	Amber 250ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2118433-02K	Amber 250ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2118433-02X	Plastic 120ml HNO3 preserved Filtrates	A	NA		5.2	Y	Absent		SE-6020S(180),V-6020S(180),K-6020S(180),CU-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),TL-6020S(180),NI-6020S(180),PB-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2118433-03A	Vial HCl preserved	A	NA		5.2	Y	Absent		NYTCL-8260(14)
L2118433-03B	Vial HCl preserved	A	NA		5.2	Y	Absent		NYTCL-8260(14)
L2118433-03C	Vial HCl preserved	A	NA		5.2	Y	Absent		NYTCL-8260(14)
L2118433-03D	Plastic 250ml unpreserved	A	7	7	5.2	Y	Absent		-
L2118433-03E	Plastic 250ml HNO3 preserved	A	<2	<2	5.2	Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),FE-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2118433
Report Date: 04/15/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2118433-03F	Amber 120ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8082-LVI(7)
L2118433-03G	Amber 120ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8082-LVI(7)
L2118433-03H	Amber 120ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2118433-03I	Amber 120ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2118433-03J	Amber 250ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2118433-03K	Amber 250ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2118433-03X	Plastic 120ml HNO3 preserved Filtrates	A	NA		5.2	Y	Absent		CU-6020S(180),SE-6020S(180),V-6020S(180),K-6020S(180),MN-6020S(180),ZN-6020S(180),CO-6020S(180),BE-6020S(180),MG-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),NA-6020S(180),NI-6020S(180),BA-6020S(180),TL-6020S(180),PB-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2118433-04A	Vial HCl preserved	A	NA		5.2	Y	Absent		NYTCL-8260(14)
L2118433-04B	Vial HCl preserved	A	NA		5.2	Y	Absent		NYTCL-8260(14)
L2118433-04C	Vial HCl preserved	A	NA		5.2	Y	Absent		NYTCL-8260(14)
L2118433-04D	Plastic 250ml unpreserved	A	7	7	5.2	Y	Absent		-
L2118433-04E	Plastic 250ml HNO3 preserved	A	<2	<2	5.2	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2118433-04F	Amber 120ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8082-LVI(7)
L2118433-04G	Amber 120ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8082-LVI(7)
L2118433-04H	Amber 120ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2118433-04I	Amber 120ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2118433-04J	Amber 250ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2118433-04K	Amber 250ml unpreserved	A	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2118433
Report Date: 04/15/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2118433-04X	Plastic 120ml HNO3 preserved Filtrates	A	NA		5.2	Y	Absent		CU-6020S(180),V-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),MG-6020S(180),BE-6020S(180),ZN-6020S(180),CO-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),NI-6020S(180),NA-6020S(180),TL-6020S(180),PB-6020S(180),BA-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2118433-05A	Vial HCl preserved	B	NA		5.2	Y	Absent		NYTCL-8260(14)
L2118433-05B	Vial HCl preserved	B	NA		5.2	Y	Absent		NYTCL-8260(14)
L2118433-05C	Vial HCl preserved	B	NA		5.2	Y	Absent		NYTCL-8260(14)
L2118433-05D	Plastic 250ml unpreserved	B	7	7	5.2	Y	Absent		-
L2118433-05E	Plastic 250ml HNO3 preserved	B	<2	<2	5.2	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2118433-05F	Amber 120ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8082-LVI(7)
L2118433-05G	Amber 120ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8082-LVI(7)
L2118433-05H	Amber 120ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2118433-05I	Amber 120ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2118433-05J	Amber 250ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2118433-05K	Amber 250ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2118433-05X	Plastic 120ml HNO3 preserved Filtrates	B	NA		5.2	Y	Absent		SE-6020S(180),CU-6020S(180),V-6020S(180),K-6020S(180),MN-6020S(180),MG-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),NA-6020S(180),PB-6020S(180),NI-6020S(180),BA-6020S(180),TL-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2118433-06A	Vial HCl preserved	B	NA		5.2	Y	Absent		NYTCL-8260(14)
L2118433-06B	Vial HCl preserved	B	NA		5.2	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2118433
Report Date: 04/15/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2118433-06C	Vial HCl preserved	B	NA		5.2	Y	Absent		NYTCL-8260(14)
L2118433-06D	Plastic 250ml unpreserved	B	7	7	5.2	Y	Absent		-
L2118433-06E	Plastic 250ml HNO3 preserved	B	<2	<2	5.2	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2118433-06F	Amber 120ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8082-LVI(7)
L2118433-06G	Amber 120ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8082-LVI(7)
L2118433-06H	Amber 120ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2118433-06I	Amber 120ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2118433-06J	Amber 250ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2118433-06K	Amber 250ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2118433-06X	Plastic 120ml HNO3 preserved Filtrates	B	NA		5.2	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),BA-6020S(180),PB-6020S(180),TL-6020S(180),NA-6020S(180),NI-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)

*Values in parentheses indicate holding time in days

Project Name:	NEW STEVENSON COMMONS	**Lab Number:**	L2118433
Project Number:	13453	**Report Date:**	04/15/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	NEW STEVENSON COMMONS	**Lab Number:**	L2118433
Project Number:	13453	**Report Date:**	04/15/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	NEW STEVENSON COMMONS	**Lab Number:**	L2118433
Project Number:	13453	**Report Date:**	04/15/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name:	NEW STEVENSON COMMONS	**Lab Number:**	L2118433
Project Number:	13453	**Report Date:**	04/15/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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TEL: 508-898-9220
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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 4/12/21

ALPHA Job #: L 2118433

Client Information
Client: IMPACT ENVIRONMENTAL
Address: 170 KEYLAND COURT
BOHEMIA, NY
Phone: 631-269-8800
Fax:
Email: DFRUHAUF@IMPACTENVIRONMENTAL.COM

Project Information
Project Name: NEW STEVENSON COMMONS
Project Location: BRONX, NY
Project # 13453
(Use Project name as Project #) ☐
Project Manager: DAN FRUHAUF
ALPHAQuote #:

Turn-Around Time
Standard ☒ 3-DAY Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
* LAB FILTER FOR DISSOLVED METALS.

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☒ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	T.O.G.S. 1.1.1 VOCs (EPA 8260)	TOGS 1.1.1 SVOCs (EPA 8270)	TOGS 1.1.1 PESTICIDES (EPA 8081)	TOGS 1.1.1 PCBs (EPA 8082)	TOTAL METALS (EPA 6010)	DISSOLVED METALS (EPA 6010)			Sample Specific Comments	Total Bottle
18433-01	B2-MW-1	4/12/21	0915	GW	MD	X	X	X	X	X	X				11
02	B4-MW-1		1015			X	X	X	X	X	X				11
03	B5-MW-1		1115			X	X	X	X	X	X				11
04	B6-MW-1		1215			X	X	X	X	X	X				11
05	B3-MW-1		1315			X	X	X	X	X	X				11
06	B1-MW-1	↓	1415	↓	↓	X	X	X	X	X	X				11
Container Type						V	A	A	A	P	P				
Preservative						B	A	A	A	C	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	4/12/21, 1600		4/12/21 1616
	4/12/21 1715		
	4/12/21 2036		4/12/21 2036
	4/12/21 2245		4/12/21 2245

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2119113
Client:	Impact Environmental 170 Keyland Ct Bohemia, NY 11716
ATTN:	Dan Fruhauf
Phone:	(631) 269-8800
Project Name:	NEW STEVENSON COMMONS
Project Number:	13453
Report Date:	04/22/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119113
Report Date: 04/22/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2119113-01	AA-1	AIR	BRONX, NY	04/13/21 11:05	04/14/21
L2119113-02	B1 SV-1	SOIL_VAPOR	BRONX, NY	04/13/21 10:50	04/14/21
L2119113-03	B1 SV-2	SOIL_VAPOR	BRONX, NY	04/13/21 11:03	04/14/21
L2119113-04	B2 SV-1	SOIL_VAPOR	BRONX, NY	04/13/21 11:23	04/14/21
L2119113-05	B2 SV-2	SOIL_VAPOR	BRONX, NY	04/13/21 10:44	04/14/21
L2119113-06	B3 SV-1	SOIL_VAPOR	BRONX, NY	04/13/21 11:18	04/14/21
L2119113-07	B3 SV-2	SOIL_VAPOR	BRONX, NY	04/13/21 11:27	04/14/21
L2119113-08	AA-2	AIR	BRONX, NY	04/14/21 10:10	04/14/21
L2119113-09	B4 SV-1	SOIL_VAPOR	BRONX, NY	04/14/21 09:19	04/14/21
L2119113-10	B4 SV-2	SOIL_VAPOR	BRONX, NY	04/14/21 09:22	04/14/21
L2119113-11	B5 SV-1	SOIL_VAPOR	BRONX, NY	04/14/21 09:27	04/14/21
L2119113-12	B5 SV-2	SOIL_VAPOR	BRONX, NY	04/14/21 09:30	04/14/21
L2119113-13	B6 SV-1	SOIL_VAPOR	BRONX, NY	04/14/21 10:30	04/14/21
L2119113-14	B6 SV-2	SOIL_VAPOR	BRONX, NY	04/14/21 10:24	04/14/21

Project Name:	NEW STEVENSON COMMONS	**Lab Number:**	L2119113
Project Number:	13453	**Report Date:**	04/22/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2119113
Project Number: 13453 **Report Date:** 04/22/21

Case Narrative (continued)

Volatile Organics in Air
Canisters were released from the laboratory on April 1, 2021. The canister certification results are provided as an addendum.

L2119113-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2119113-03, -06 and -11:The quality control sample LCS, associated with L2119113-03, did not meet the acceptance criteria for the method. The associated samples were re-run with acceptable method criteria for those compound(s).

L2119113-04D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2119113-05D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2119113-09D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2119113-10D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2119113-11D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2119113-12D: The sample has elevated detection limits due to the dilution required by the elevated

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2119113
Project Number: 13453 **Report Date:** 04/22/21

Case Narrative (continued)

concentrations of target compounds in the sample.

L2119113-13:The quality control sample LCS, associated with L2119113-13, did not meet the acceptance criteria for the method. The associated samples were re-run with acceptable method criteria for those compound(s).

The WG1488597-3 LCS recoveries for 2-hexanone (138%), bromoform (131%) and 1,2,4-trichlorobenzene (144%) are above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of these analytes.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 04/22/21

AIR

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-01
Client ID: AA-1
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:05
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/20/21 17:47
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.421	0.200	--	2.08	0.989	--		1
Chloromethane	0.556	0.200	--	1.15	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.21	1.00	--	7.63	2.38	--		1
Trichlorofluoromethane	0.228	0.200	--	1.28	1.12	--		1
Isopropanol	0.918	0.500	--	2.26	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-01
Client ID: AA-1
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:05
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.211	0.200	--	0.795	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-01
Client ID: AA-1
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:05
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	89		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-02 D
Client ID: B1 SV-1
Sample Location: BRONX, NY

Date Collected: 04/13/21 10:50
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/20/21 22:35
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.698	0.476	--	3.45	2.35	--		2.381
Chloromethane	ND	0.476	--	ND	0.983	--		2.381
Freon-114	ND	0.476	--	ND	3.33	--		2.381
Vinyl chloride	ND	0.476	--	ND	1.22	--		2.381
1,3-Butadiene	ND	0.476	--	ND	1.05	--		2.381
Bromomethane	ND	0.476	--	ND	1.85	--		2.381
Chloroethane	ND	0.476	--	ND	1.26	--		2.381
Ethanol	ND	11.9	--	ND	22.4	--		2.381
Vinyl bromide	ND	0.476	--	ND	2.08	--		2.381
Acetone	34.7	2.38	--	82.4	5.65	--		2.381
Trichlorofluoromethane	ND	0.476	--	ND	2.67	--		2.381
Isopropanol	ND	1.19	--	ND	2.93	--		2.381
1,1-Dichloroethene	ND	0.476	--	ND	1.89	--		2.381
Tertiary butyl Alcohol	3.87	1.19	--	11.7	3.61	--		2.381
Methylene chloride	ND	1.19	--	ND	4.13	--		2.381
3-Chloropropene	ND	0.476	--	ND	1.49	--		2.381
Carbon disulfide	0.774	0.476	--	2.41	1.48	--		2.381
Freon-113	ND	0.476	--	ND	3.65	--		2.381
trans-1,2-Dichloroethene	0.543	0.476	--	2.15	1.89	--		2.381
1,1-Dichloroethane	ND	0.476	--	ND	1.93	--		2.381
Methyl tert butyl ether	ND	0.476	--	ND	1.72	--		2.381
2-Butanone	2.19	1.19	--	6.46	3.51	--		2.381
cis-1,2-Dichloroethene	14.3	0.476	--	56.7	1.89	--		2.381

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-02 D
Client ID: B1 SV-1
Sample Location: BRONX, NY

Date Collected: 04/13/21 10:50
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.19	--	ND	4.29	--		2.381
Chloroform	1.35	0.476	--	6.59	2.32	--		2.381
Tetrahydrofuran	ND	1.19	--	ND	3.51	--		2.381
1,2-Dichloroethane	ND	0.476	--	ND	1.93	--		2.381
n-Hexane	5.46	0.476	--	19.2	1.68	--		2.381
1,1,1-Trichloroethane	ND	0.476	--	ND	2.60	--		2.381
Benzene	0.638	0.476	--	2.04	1.52	--		2.381
Carbon tetrachloride	ND	0.476	--	ND	2.99	--		2.381
Cyclohexane	50.7	0.476	--	175	1.64	--		2.381
1,2-Dichloropropane	ND	0.476	--	ND	2.20	--		2.381
Bromodichloromethane	ND	0.476	--	ND	3.19	--		2.381
1,4-Dioxane	ND	0.476	--	ND	1.72	--		2.381
Trichloroethene	4.04	0.476	--	21.7	2.56	--		2.381
2,2,4-Trimethylpentane	ND	0.476	--	ND	2.22	--		2.381
Heptane	10.2	0.476	--	41.8	1.95	--		2.381
cis-1,3-Dichloropropene	ND	0.476	--	ND	2.16	--		2.381
4-Methyl-2-pentanone	ND	1.19	--	ND	4.88	--		2.381
trans-1,3-Dichloropropene	ND	0.476	--	ND	2.16	--		2.381
1,1,2-Trichloroethane	ND	0.476	--	ND	2.60	--		2.381
Toluene	1.26	0.476	--	4.75	1.79	--		2.381
2-Hexanone	ND	0.476	--	ND	1.95	--		2.381
Dibromochloromethane	ND	0.476	--	ND	4.06	--		2.381
1,2-Dibromoethane	ND	0.476	--	ND	3.66	--		2.381
Tetrachloroethene	36.0	0.476	--	244	3.23	--		2.381
Chlorobenzene	ND	0.476	--	ND	2.19	--		2.381
Ethylbenzene	0.521	0.476	--	2.26	2.07	--		2.381

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-02 D
Client ID: B1 SV-1
Sample Location: BRONX, NY

Date Collected: 04/13/21 10:50
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.01	0.952	--	4.39	4.14	--		2.381
Bromoform	ND	0.476	--	ND	4.92	--		2.381
Styrene	ND	0.476	--	ND	2.03	--		2.381
1,1,2,2-Tetrachloroethane	ND	0.476	--	ND	3.27	--		2.381
o-Xylene	ND	0.476	--	ND	2.07	--		2.381
4-Ethyltoluene	ND	0.476	--	ND	2.34	--		2.381
1,3,5-Trimethylbenzene	ND	0.476	--	ND	2.34	--		2.381
1,2,4-Trimethylbenzene	ND	0.476	--	ND	2.34	--		2.381
Benzyl chloride	ND	0.476	--	ND	2.46	--		2.381
1,3-Dichlorobenzene	ND	0.476	--	ND	2.86	--		2.381
1,4-Dichlorobenzene	ND	0.476	--	ND	2.86	--		2.381
1,2-Dichlorobenzene	ND	0.476	--	ND	2.86	--		2.381
1,2,4-Trichlorobenzene	ND	0.476	--	ND	3.53	--		2.381
Hexachlorobutadiene	ND	0.476	--	ND	5.08	--		2.381

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	111		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-03
Client ID: B1 SV-2
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:03
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/20/21 23:18
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.576	0.200	--	2.85	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	5.66	5.00	--	10.7	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.04	1.00	--	7.22	2.38	--		1
Trichlorofluoromethane	0.328	0.200	--	1.84	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.60	0.500	--	4.85	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.734	0.200	--	2.29	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-03
Client ID: B1 SV-2
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:03
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.354	0.200	--	1.25	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.358	0.200	--	1.92	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.50	0.200	--	5.65	0.754	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	5.04	0.200	--	34.2	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.65	0.200	--	7.17	0.869	--		1
p/m-Xylene	2.91	0.400	--	12.6	1.74	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-03
Client ID: B1 SV-2
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:03
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.89	0.200	--	8.21	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	98		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-03
Client ID: B1 SV-2
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:03
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/22/21 03:36
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
2-Hexanone	0.333	0.200	--	1.36	0.820	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	93		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	92		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-04 D
Client ID: B2 SV-1
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:23
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/21/21 00:39
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	8.30	1.25	--	41.0	6.18	--		6.25
Chloromethane	ND	1.25	--	ND	2.58	--		6.25
Freon-114	ND	1.25	--	ND	8.74	--		6.25
Vinyl chloride	ND	1.25	--	ND	3.20	--		6.25
1,3-Butadiene	2.29	1.25	--	5.07	2.77	--		6.25
Bromomethane	ND	1.25	--	ND	4.85	--		6.25
Chloroethane	ND	1.25	--	ND	3.30	--		6.25
Ethanol	ND	31.2	--	ND	58.8	--		6.25
Vinyl bromide	ND	1.25	--	ND	5.47	--		6.25
Acetone	16.6	6.25	--	39.4	14.8	--		6.25
Trichlorofluoromethane	ND	1.25	--	ND	7.02	--		6.25
Isopropanol	ND	3.12	--	ND	7.67	--		6.25
1,1-Dichloroethene	ND	1.25	--	ND	4.96	--		6.25
Tertiary butyl Alcohol	3.82	3.12	--	11.6	9.46	--		6.25
Methylene chloride	ND	3.12	--	ND	10.8	--		6.25
3-Chloropropene	ND	1.25	--	ND	3.91	--		6.25
Carbon disulfide	34.6	1.25	--	108	3.89	--		6.25
Freon-113	ND	1.25	--	ND	9.58	--		6.25
trans-1,2-Dichloroethene	ND	1.25	--	ND	4.96	--		6.25
1,1-Dichloroethane	ND	1.25	--	ND	5.06	--		6.25
Methyl tert butyl ether	ND	1.25	--	ND	4.51	--		6.25
2-Butanone	3.81	3.12	--	11.2	9.20	--		6.25
cis-1,2-Dichloroethene	ND	1.25	--	ND	4.96	--		6.25

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-04 D
Client ID: B2 SV-1
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:23
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	3.12	--	ND	11.2	--		6.25
Chloroform	ND	1.25	--	ND	6.10	--		6.25
Tetrahydrofuran	ND	3.12	--	ND	9.20	--		6.25
1,2-Dichloroethane	ND	1.25	--	ND	5.06	--		6.25
n-Hexane	25.0	1.25	--	88.1	4.41	--		6.25
1,1,1-Trichloroethane	ND	1.25	--	ND	6.82	--		6.25
Benzene	2.44	1.25	--	7.80	3.99	--		6.25
Carbon tetrachloride	ND	1.25	--	ND	7.86	--		6.25
Cyclohexane	2.67	1.25	--	9.19	4.30	--		6.25
1,2-Dichloropropane	ND	1.25	--	ND	5.78	--		6.25
Bromodichloromethane	ND	1.25	--	ND	8.37	--		6.25
1,4-Dioxane	ND	1.25	--	ND	4.50	--		6.25
Trichloroethene	ND	1.25	--	ND	6.72	--		6.25
2,2,4-Trimethylpentane	3.15	1.25	--	14.7	5.84	--		6.25
Heptane	8.32	1.25	--	34.1	5.12	--		6.25
cis-1,3-Dichloropropene	ND	1.25	--	ND	5.67	--		6.25
4-Methyl-2-pentanone	ND	3.12	--	ND	12.8	--		6.25
trans-1,3-Dichloropropene	ND	1.25	--	ND	5.67	--		6.25
1,1,2-Trichloroethane	ND	1.25	--	ND	6.82	--		6.25
Toluene	3.54	1.25	--	13.3	4.71	--		6.25
2-Hexanone	ND	1.25	--	ND	5.12	--		6.25
Dibromochloromethane	ND	1.25	--	ND	10.6	--		6.25
1,2-Dibromoethane	ND	1.25	--	ND	9.61	--		6.25
Tetrachloroethene	ND	1.25	--	ND	8.48	--		6.25
Chlorobenzene	ND	1.25	--	ND	5.76	--		6.25
Ethylbenzene	2.21	1.25	--	9.60	5.43	--		6.25

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-04 D
Client ID: B2 SV-1
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:23
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	3.67	2.50	--	15.9	10.9	--		6.25
Bromoform	ND	1.25	--	ND	12.9	--		6.25
Styrene	ND	1.25	--	ND	5.32	--		6.25
1,1,2,2-Tetrachloroethane	ND	1.25	--	ND	8.58	--		6.25
o-Xylene	2.41	1.25	--	10.5	5.43	--		6.25
4-Ethyltoluene	ND	1.25	--	ND	6.15	--		6.25
1,3,5-Trimethylbenzene	ND	1.25	--	ND	6.15	--		6.25
1,2,4-Trimethylbenzene	ND	1.25	--	ND	6.15	--		6.25
Benzyl chloride	ND	1.25	--	ND	6.47	--		6.25
1,3-Dichlorobenzene	ND	1.25	--	ND	7.52	--		6.25
1,4-Dichlorobenzene	ND	1.25	--	ND	7.52	--		6.25
1,2-Dichlorobenzene	ND	1.25	--	ND	7.52	--		6.25
1,2,4-Trichlorobenzene	ND	1.25	--	ND	9.28	--		6.25
Hexachlorobutadiene	ND	1.25	--	ND	13.3	--		6.25

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	100		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-05 D
Client ID: B2 SV-2
Sample Location: BRONX, NY

Date Collected: 04/13/21 10:44
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/21/21 01:17
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	ND	50.0	--	ND	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	ND	10.0	--	ND	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Tertiary butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	ND	5.00	--	ND	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-05 D
Client ID: B2 SV-2
Sample Location: BRONX, NY

Date Collected: 04/13/21 10:44
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	ND	2.00	--	ND	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	562	2.00	--	2120	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	10.6	2.00	--	71.9	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	4.03	2.00	--	17.5	8.69	--		10

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-05 D
Client ID: B2 SV-2
Sample Location: BRONX, NY

Date Collected: 04/13/21 10:44
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	12.3	4.00	--	53.4	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	4.70	2.00	--	20.4	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	96		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-06
Client ID: B3 SV-1
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:18
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/21/21 02:00
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.06	0.200	--	5.24	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.25	1.00	--	10.1	2.38	--		1
Trichlorofluoromethane	0.220	0.200	--	1.24	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.907	0.500	--	2.75	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.590	0.200	--	1.84	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.702	0.500	--	2.07	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-06
Client ID: B3 SV-1
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:18
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	11.5	0.200	--	40.5	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.249	0.200	--	0.795	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	4.16	0.200	--	17.0	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	36.0	0.200	--	136	0.754	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.970	0.200	--	6.58	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.13	0.200	--	4.91	0.869	--		1
p/m-Xylene	2.72	0.400	--	11.8	1.74	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-06
Client ID: B3 SV-1
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:18
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.48	0.200	--	6.43	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	101		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-06
Client ID: B3 SV-1
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:18
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/22/21 04:16
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
2-Hexanone	0.325	0.200	--	1.33	0.820	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	93		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	94		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-07
Client ID: B3 SV-2
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:27
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/21/21 02:44
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.635	0.200	--	3.14	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.635	0.200	--	1.40	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.55	1.00	--	8.43	2.38	--		1
Trichlorofluoromethane	0.280	0.200	--	1.57	1.12	--		1
Isopropanol	0.597	0.500	--	1.47	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	2.01	0.500	--	6.09	1.52	--		1
Methylene chloride	0.612	0.500	--	2.13	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	3.76	0.200	--	11.7	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.594	0.500	--	1.75	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-07
Client ID: B3 SV-2
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:27
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.249	0.200	--	1.22	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	16.4	0.200	--	57.8	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.767	0.200	--	2.45	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.461	0.200	--	1.59	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.793	0.200	--	4.26	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	7.85	0.200	--	32.2	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	36.6	0.200	--	138	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	3.77	0.200	--	25.6	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	2.40	0.200	--	10.4	0.869	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-07
Client ID: B3 SV-2
Sample Location: BRONX, NY

Date Collected: 04/13/21 11:27
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	3.88	0.400	--	16.9	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	2.53	0.200	--	11.0	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	106		60-140
chlorobenzene-d5	108		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-08
Client ID: AA-2
Sample Location: BRONX, NY

Date Collected: 04/14/21 10:10
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/20/21 18:30
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.444	0.200	--	2.20	0.989	--		1
Chloromethane	0.589	0.200	--	1.22	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	13.8	5.00	--	26.0	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.20	1.00	--	9.98	2.38	--		1
Trichlorofluoromethane	0.264	0.200	--	1.48	1.12	--		1
Isopropanol	3.24	0.500	--	7.96	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.562	0.500	--	1.66	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-08
Client ID: AA-2
Sample Location: BRONX, NY

Date Collected: 04/14/21 10:10
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.327	0.200	--	1.15	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.363	0.200	--	1.16	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.745	0.200	--	2.81	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-08
Client ID: AA-2
Sample Location: BRONX, NY

Date Collected: 04/14/21 10:10
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	90		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-09 D
Client ID: B4 SV-1
Sample Location: BRONX, NY

Date Collected: 04/14/21 09:19
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/21/21 03:22
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	1.43	--	ND	7.07	--		7.143
Chloromethane	ND	1.43	--	ND	2.95	--		7.143
Freon-114	ND	1.43	--	ND	10.0	--		7.143
Vinyl chloride	ND	1.43	--	ND	3.66	--		7.143
1,3-Butadiene	ND	1.43	--	ND	3.16	--		7.143
Bromomethane	ND	1.43	--	ND	5.55	--		7.143
Chloroethane	ND	1.43	--	ND	3.77	--		7.143
Ethanol	ND	35.7	--	ND	67.3	--		7.143
Vinyl bromide	ND	1.43	--	ND	6.25	--		7.143
Acetone	ND	7.14	--	ND	17.0	--		7.143
Trichlorofluoromethane	ND	1.43	--	ND	8.04	--		7.143
Isopropanol	ND	3.57	--	ND	8.78	--		7.143
1,1-Dichloroethene	ND	1.43	--	ND	5.67	--		7.143
Tertiary butyl Alcohol	ND	3.57	--	ND	10.8	--		7.143
Methylene chloride	ND	3.57	--	ND	12.4	--		7.143
3-Chloropropene	ND	1.43	--	ND	4.48	--		7.143
Carbon disulfide	ND	1.43	--	ND	4.45	--		7.143
Freon-113	ND	1.43	--	ND	11.0	--		7.143
trans-1,2-Dichloroethene	ND	1.43	--	ND	5.67	--		7.143
1,1-Dichloroethane	ND	1.43	--	ND	5.79	--		7.143
Methyl tert butyl ether	ND	1.43	--	ND	5.16	--		7.143
2-Butanone	ND	3.57	--	ND	10.5	--		7.143
cis-1,2-Dichloroethene	ND	1.43	--	ND	5.67	--		7.143

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-09 D
Client ID: B4 SV-1
Sample Location: BRONX, NY

Date Collected: 04/14/21 09:19
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	3.57	--	ND	12.9	--		7.143
Chloroform	ND	1.43	--	ND	6.98	--		7.143
Tetrahydrofuran	ND	3.57	--	ND	10.5	--		7.143
1,2-Dichloroethane	ND	1.43	--	ND	5.79	--		7.143
n-Hexane	ND	1.43	--	ND	5.04	--		7.143
1,1,1-Trichloroethane	ND	1.43	--	ND	7.80	--		7.143
Benzene	ND	1.43	--	ND	4.57	--		7.143
Carbon tetrachloride	ND	1.43	--	ND	9.00	--		7.143
Cyclohexane	ND	1.43	--	ND	4.92	--		7.143
1,2-Dichloropropane	ND	1.43	--	ND	6.61	--		7.143
Bromodichloromethane	ND	1.43	--	ND	9.58	--		7.143
1,4-Dioxane	ND	1.43	--	ND	5.15	--		7.143
Trichloroethene	ND	1.43	--	ND	7.69	--		7.143
2,2,4-Trimethylpentane	ND	1.43	--	ND	6.68	--		7.143
Heptane	ND	1.43	--	ND	5.86	--		7.143
cis-1,3-Dichloropropene	ND	1.43	--	ND	6.49	--		7.143
4-Methyl-2-pentanone	ND	3.57	--	ND	14.6	--		7.143
trans-1,3-Dichloropropene	ND	1.43	--	ND	6.49	--		7.143
1,1,2-Trichloroethane	ND	1.43	--	ND	7.80	--		7.143
Toluene	453	1.43	--	1710	5.39	--		7.143
2-Hexanone	ND	1.43	--	ND	5.86	--		7.143
Dibromochloromethane	ND	1.43	--	ND	12.2	--		7.143
1,2-Dibromoethane	ND	1.43	--	ND	11.0	--		7.143
Tetrachloroethene	5.38	1.43	--	36.5	9.70	--		7.143
Chlorobenzene	ND	1.43	--	ND	6.59	--		7.143
Ethylbenzene	2.21	1.43	--	9.60	6.21	--		7.143

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-09 D
Client ID: B4 SV-1
Sample Location: BRONX, NY

Date Collected: 04/14/21 09:19
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	4.38	2.86	--	19.0	12.4	--		7.143
Bromoform	ND	1.43	--	ND	14.8	--		7.143
Styrene	ND	1.43	--	ND	6.09	--		7.143
1,1,2,2-Tetrachloroethane	ND	1.43	--	ND	9.82	--		7.143
o-Xylene	2.26	1.43	--	9.82	6.21	--		7.143
4-Ethyltoluene	ND	1.43	--	ND	7.03	--		7.143
1,3,5-Trimethylbenzene	ND	1.43	--	ND	7.03	--		7.143
1,2,4-Trimethylbenzene	ND	1.43	--	ND	7.03	--		7.143
Benzyl chloride	ND	1.43	--	ND	7.40	--		7.143
1,3-Dichlorobenzene	ND	1.43	--	ND	8.60	--		7.143
1,4-Dichlorobenzene	ND	1.43	--	ND	8.60	--		7.143
1,2-Dichlorobenzene	ND	1.43	--	ND	8.60	--		7.143
1,2,4-Trichlorobenzene	ND	1.43	--	ND	10.6	--		7.143
Hexachlorobutadiene	ND	1.43	--	ND	15.3	--		7.143

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	99		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-10 D
Client ID: B4 SV-2
Sample Location: BRONX, NY

Date Collected: 04/14/21 09:22
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/21/21 04:01
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	3.05	2.94	--	15.1	14.5	--		14.72
Chloromethane	ND	2.94	--	ND	6.07	--		14.72
Freon-114	ND	2.94	--	ND	20.5	--		14.72
Vinyl chloride	ND	2.94	--	ND	7.52	--		14.72
1,3-Butadiene	ND	2.94	--	ND	6.50	--		14.72
Bromomethane	ND	2.94	--	ND	11.4	--		14.72
Chloroethane	ND	2.94	--	ND	7.76	--		14.72
Ethanol	ND	73.6	--	ND	139	--		14.72
Vinyl bromide	ND	2.94	--	ND	12.9	--		14.72
Acetone	ND	14.7	--	ND	34.9	--		14.72
Trichlorofluoromethane	ND	2.94	--	ND	16.5	--		14.72
Isopropanol	ND	7.36	--	ND	18.1	--		14.72
1,1-Dichloroethene	ND	2.94	--	ND	11.7	--		14.72
Tertiary butyl Alcohol	ND	7.36	--	ND	22.3	--		14.72
Methylene chloride	ND	7.36	--	ND	25.6	--		14.72
3-Chloropropene	ND	2.94	--	ND	9.20	--		14.72
Carbon disulfide	ND	2.94	--	ND	9.16	--		14.72
Freon-113	ND	2.94	--	ND	22.5	--		14.72
trans-1,2-Dichloroethene	ND	2.94	--	ND	11.7	--		14.72
1,1-Dichloroethane	ND	2.94	--	ND	11.9	--		14.72
Methyl tert butyl ether	ND	2.94	--	ND	10.6	--		14.72
2-Butanone	ND	7.36	--	ND	21.7	--		14.72
cis-1,2-Dichloroethene	ND	2.94	--	ND	11.7	--		14.72

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-10 D
Client ID: B4 SV-2
Sample Location: BRONX, NY

Date Collected: 04/14/21 09:22
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	7.36	--	ND	26.5	--		14.72
Chloroform	ND	2.94	--	ND	14.4	--		14.72
Tetrahydrofuran	ND	7.36	--	ND	21.7	--		14.72
1,2-Dichloroethane	ND	2.94	--	ND	11.9	--		14.72
n-Hexane	ND	2.94	--	ND	10.4	--		14.72
1,1,1-Trichloroethane	ND	2.94	--	ND	16.0	--		14.72
Benzene	ND	2.94	--	ND	9.39	--		14.72
Carbon tetrachloride	ND	2.94	--	ND	18.5	--		14.72
Cyclohexane	ND	2.94	--	ND	10.1	--		14.72
1,2-Dichloropropane	ND	2.94	--	ND	13.6	--		14.72
Bromodichloromethane	ND	2.94	--	ND	19.7	--		14.72
1,4-Dioxane	ND	2.94	--	ND	10.6	--		14.72
Trichloroethene	ND	2.94	--	ND	15.8	--		14.72
2,2,4-Trimethylpentane	ND	2.94	--	ND	13.7	--		14.72
Heptane	ND	2.94	--	ND	12.0	--		14.72
cis-1,3-Dichloropropene	ND	2.94	--	ND	13.3	--		14.72
4-Methyl-2-pentanone	ND	7.36	--	ND	30.2	--		14.72
trans-1,3-Dichloropropene	ND	2.94	--	ND	13.3	--		14.72
1,1,2-Trichloroethane	ND	2.94	--	ND	16.0	--		14.72
Toluene	986	2.94	--	3720	11.1	--		14.72
2-Hexanone	ND	2.94	--	ND	12.0	--		14.72
Dibromochloromethane	ND	2.94	--	ND	25.0	--		14.72
1,2-Dibromoethane	ND	2.94	--	ND	22.6	--		14.72
Tetrachloroethene	4.31	2.94	--	29.2	19.9	--		14.72
Chlorobenzene	ND	2.94	--	ND	13.5	--		14.72
Ethylbenzene	3.55	2.94	--	15.4	12.8	--		14.72

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-10 D
Client ID: B4 SV-2
Sample Location: BRONX, NY

Date Collected: 04/14/21 09:22
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	6.28	5.89	--	27.3	25.6	--		14.72
Bromoform	ND	2.94	--	ND	30.4	--		14.72
Styrene	ND	2.94	--	ND	12.5	--		14.72
1,1,2,2-Tetrachloroethane	ND	2.94	--	ND	20.2	--		14.72
o-Xylene	3.25	2.94	--	14.1	12.8	--		14.72
4-Ethyltoluene	ND	2.94	--	ND	14.5	--		14.72
1,3,5-Trimethylbenzene	ND	2.94	--	ND	14.5	--		14.72
1,2,4-Trimethylbenzene	ND	2.94	--	ND	14.5	--		14.72
Benzyl chloride	ND	2.94	--	ND	15.2	--		14.72
1,3-Dichlorobenzene	ND	2.94	--	ND	17.7	--		14.72
1,4-Dichlorobenzene	ND	2.94	--	ND	17.7	--		14.72
1,2-Dichlorobenzene	ND	2.94	--	ND	17.7	--		14.72
1,2,4-Trichlorobenzene	ND	2.94	--	ND	21.8	--		14.72
Hexachlorobutadiene	ND	2.94	--	ND	31.4	--		14.72

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	99		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-11 D
Client ID: B5 SV-1
Sample Location: BRONX, NY

Date Collected: 04/14/21 09:27
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/21/21 04:38
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.981	0.769	--	4.85	3.80	--		3.846
Chloromethane	ND	0.769	--	ND	1.59	--		3.846
Freon-114	ND	0.769	--	ND	5.38	--		3.846
Vinyl chloride	ND	0.769	--	ND	1.97	--		3.846
1,3-Butadiene	ND	0.769	--	ND	1.70	--		3.846
Bromomethane	ND	0.769	--	ND	2.99	--		3.846
Chloroethane	ND	0.769	--	ND	2.03	--		3.846
Ethanol	ND	19.2	--	ND	36.2	--		3.846
Vinyl bromide	ND	0.769	--	ND	3.36	--		3.846
Acetone	4.37	3.85	--	10.4	9.15	--		3.846
Trichlorofluoromethane	ND	0.769	--	ND	4.32	--		3.846
Isopropanol	ND	1.92	--	ND	4.72	--		3.846
1,1-Dichloroethene	ND	0.769	--	ND	3.05	--		3.846
Tertiary butyl Alcohol	ND	1.92	--	ND	5.82	--		3.846
Methylene chloride	ND	1.92	--	ND	6.67	--		3.846
3-Chloropropene	ND	0.769	--	ND	2.41	--		3.846
Carbon disulfide	ND	0.769	--	ND	2.39	--		3.846
Freon-113	ND	0.769	--	ND	5.89	--		3.846
trans-1,2-Dichloroethene	ND	0.769	--	ND	3.05	--		3.846
1,1-Dichloroethane	ND	0.769	--	ND	3.11	--		3.846
Methyl tert butyl ether	ND	0.769	--	ND	2.77	--		3.846
2-Butanone	ND	1.92	--	ND	5.66	--		3.846
cis-1,2-Dichloroethene	ND	0.769	--	ND	3.05	--		3.846

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-11 D
Client ID: B5 SV-1
Sample Location: BRONX, NY

Date Collected: 04/14/21 09:27
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.92	--	ND	6.92	--		3.846
Chloroform	1.08	0.769	--	5.27	3.76	--		3.846
Tetrahydrofuran	ND	1.92	--	ND	5.66	--		3.846
1,2-Dichloroethane	ND	0.769	--	ND	3.11	--		3.846
n-Hexane	2.81	0.769	--	9.90	2.71	--		3.846
1,1,1-Trichloroethane	ND	0.769	--	ND	4.20	--		3.846
Benzene	ND	0.769	--	ND	2.46	--		3.846
Carbon tetrachloride	ND	0.769	--	ND	4.84	--		3.846
Cyclohexane	ND	0.769	--	ND	2.65	--		3.846
1,2-Dichloropropane	ND	0.769	--	ND	3.55	--		3.846
Bromodichloromethane	ND	0.769	--	ND	5.15	--		3.846
1,4-Dioxane	ND	0.769	--	ND	2.77	--		3.846
Trichloroethene	ND	0.769	--	ND	4.13	--		3.846
2,2,4-Trimethylpentane	ND	0.769	--	ND	3.59	--		3.846
Heptane	0.788	0.769	--	3.23	3.15	--		3.846
cis-1,3-Dichloropropene	ND	0.769	--	ND	3.49	--		3.846
4-Methyl-2-pentanone	ND	1.92	--	ND	7.87	--		3.846
trans-1,3-Dichloropropene	ND	0.769	--	ND	3.49	--		3.846
1,1,2-Trichloroethane	ND	0.769	--	ND	4.20	--		3.846
Toluene	268	0.769	--	1010	2.90	--		3.846
Dibromochloromethane	ND	0.769	--	ND	6.55	--		3.846
1,2-Dibromoethane	ND	0.769	--	ND	5.91	--		3.846
Tetrachloroethene	2.70	0.769	--	18.3	5.21	--		3.846
Chlorobenzene	ND	0.769	--	ND	3.54	--		3.846
Ethylbenzene	1.51	0.769	--	6.56	3.34	--		3.846
p/m-Xylene	3.14	1.54	--	13.6	6.69	--		3.846

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-11 D
Client ID: B5 SV-1
Sample Location: BRONX, NY

Date Collected: 04/14/21 09:27
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Bromoform	ND	0.769	--	ND	7.95	--		3.846
Styrene	ND	0.769	--	ND	3.27	--		3.846
1,1,2,2-Tetrachloroethane	ND	0.769	--	ND	5.28	--		3.846
o-Xylene	1.69	0.769	--	7.34	3.34	--		3.846
4-Ethyltoluene	ND	0.769	--	ND	3.78	--		3.846
1,3,5-Trimethylbenzene	ND	0.769	--	ND	3.78	--		3.846
1,2,4-Trimethylbenzene	ND	0.769	--	ND	3.78	--		3.846
Benzyl chloride	ND	0.769	--	ND	3.98	--		3.846
1,3-Dichlorobenzene	ND	0.769	--	ND	4.62	--		3.846
1,4-Dichlorobenzene	ND	0.769	--	ND	4.62	--		3.846
1,2-Dichlorobenzene	ND	0.769	--	ND	4.62	--		3.846
1,2,4-Trichlorobenzene	ND	0.769	--	ND	5.71	--		3.846
Hexachlorobutadiene	ND	0.769	--	ND	8.20	--		3.846

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	100		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-11 D
Client ID: B5 SV-1
Sample Location: BRONX, NY

Date Collected: 04/14/21 09:27
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/22/21 04:52
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
2-Hexanone	1.36	0.769	--	5.57	3.15	--		3.846

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	99		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	95		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-12 D
Client ID: B5 SV-2
Sample Location: BRONX, NY

Date Collected: 04/14/21 09:30
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/21/21 05:16
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.68	0.833	--	8.31	4.12	--		4.167
Chloromethane	ND	0.833	--	ND	1.72	--		4.167
Freon-114	ND	0.833	--	ND	5.82	--		4.167
Vinyl chloride	ND	0.833	--	ND	2.13	--		4.167
1,3-Butadiene	ND	0.833	--	ND	1.84	--		4.167
Bromomethane	ND	0.833	--	ND	3.23	--		4.167
Chloroethane	ND	0.833	--	ND	2.20	--		4.167
Ethanol	ND	20.8	--	ND	39.2	--		4.167
Vinyl bromide	ND	0.833	--	ND	3.64	--		4.167
Acetone	41.0	4.17	--	97.4	9.91	--		4.167
Trichlorofluoromethane	ND	0.833	--	ND	4.68	--		4.167
Isopropanol	ND	2.08	--	ND	5.11	--		4.167
1,1-Dichloroethene	ND	0.833	--	ND	3.30	--		4.167
Tertiary butyl Alcohol	4.20	2.08	--	12.7	6.31	--		4.167
Methylene chloride	ND	2.08	--	ND	7.23	--		4.167
3-Chloropropene	ND	0.833	--	ND	2.61	--		4.167
Carbon disulfide	ND	0.833	--	ND	2.59	--		4.167
Freon-113	ND	0.833	--	ND	6.38	--		4.167
trans-1,2-Dichloroethene	ND	0.833	--	ND	3.30	--		4.167
1,1-Dichloroethane	ND	0.833	--	ND	3.37	--		4.167
Methyl tert butyl ether	ND	0.833	--	ND	3.00	--		4.167
2-Butanone	ND	2.08	--	ND	6.13	--		4.167
cis-1,2-Dichloroethene	ND	0.833	--	ND	3.30	--		4.167

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-12 D
Client ID: B5 SV-2
Sample Location: BRONX, NY

Date Collected: 04/14/21 09:30
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.08	--	ND	7.50	--		4.167
Chloroform	ND	0.833	--	ND	4.07	--		4.167
Tetrahydrofuran	ND	2.08	--	ND	6.13	--		4.167
1,2-Dichloroethane	ND	0.833	--	ND	3.37	--		4.167
n-Hexane	6.14	0.833	--	21.6	2.94	--		4.167
1,1,1-Trichloroethane	ND	0.833	--	ND	4.54	--		4.167
Benzene	ND	0.833	--	ND	2.66	--		4.167
Carbon tetrachloride	ND	0.833	--	ND	5.24	--		4.167
Cyclohexane	ND	0.833	--	ND	2.87	--		4.167
1,2-Dichloropropane	ND	0.833	--	ND	3.85	--		4.167
Bromodichloromethane	ND	0.833	--	ND	5.58	--		4.167
1,4-Dioxane	ND	0.833	--	ND	3.00	--		4.167
Trichloroethene	ND	0.833	--	ND	4.48	--		4.167
2,2,4-Trimethylpentane	ND	0.833	--	ND	3.89	--		4.167
Heptane	5.75	0.833	--	23.6	3.41	--		4.167
cis-1,3-Dichloropropene	ND	0.833	--	ND	3.78	--		4.167
4-Methyl-2-pentanone	ND	2.08	--	ND	8.52	--		4.167
trans-1,3-Dichloropropene	ND	0.833	--	ND	3.78	--		4.167
1,1,2-Trichloroethane	ND	0.833	--	ND	4.54	--		4.167
Toluene	293	0.833	--	1100	3.14	--		4.167
2-Hexanone	ND	0.833	--	ND	3.41	--		4.167
Dibromochloromethane	ND	0.833	--	ND	7.10	--		4.167
1,2-Dibromoethane	ND	0.833	--	ND	6.40	--		4.167
Tetrachloroethene	6.55	0.833	--	44.4	5.65	--		4.167
Chlorobenzene	ND	0.833	--	ND	3.84	--		4.167
Ethylbenzene	ND	0.833	--	ND	3.62	--		4.167

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-12 D
Client ID: B5 SV-2
Sample Location: BRONX, NY

Date Collected: 04/14/21 09:30
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	1.67	--	ND	7.25	--		4.167
Bromoform	ND	0.833	--	ND	8.61	--		4.167
Styrene	ND	0.833	--	ND	3.55	--		4.167
1,1,2,2-Tetrachloroethane	ND	0.833	--	ND	5.72	--		4.167
o-Xylene	ND	0.833	--	ND	3.62	--		4.167
4-Ethyltoluene	ND	0.833	--	ND	4.10	--		4.167
1,3,5-Trimethylbenzene	ND	0.833	--	ND	4.10	--		4.167
1,2,4-Trimethylbenzene	ND	0.833	--	ND	4.10	--		4.167
Benzyl chloride	ND	0.833	--	ND	4.31	--		4.167
1,3-Dichlorobenzene	ND	0.833	--	ND	5.01	--		4.167
1,4-Dichlorobenzene	ND	0.833	--	ND	5.01	--		4.167
1,2-Dichlorobenzene	ND	0.833	--	ND	5.01	--		4.167
1,2,4-Trichlorobenzene	ND	0.833	--	ND	6.18	--		4.167
Hexachlorobutadiene	ND	0.833	--	ND	8.89	--		4.167

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	101		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-13
Client ID: B6 SV-1
Sample Location: BRONX, NY

Date Collected: 04/14/21 10:30
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/21/21 05:57
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.414	0.200	--	2.05	0.989	--		1
Chloromethane	0.333	0.200	--	0.688	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	22.5	5.00	--	42.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	7.18	1.00	--	17.1	2.38	--		1
Trichlorofluoromethane	0.231	0.200	--	1.30	1.12	--		1
Isopropanol	1.46	0.500	--	3.59	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.08	0.500	--	3.27	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.06	0.200	--	3.30	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.18	0.500	--	6.43	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-13
Client ID: B6 SV-1
Sample Location: BRONX, NY

Date Collected: 04/14/21 10:30
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.218	0.200	--	1.06	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.90	0.200	--	6.70	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.482	0.200	--	1.54	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.474	0.200	--	1.63	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.219	0.200	--	1.02	0.934	--		1
Heptane	1.02	0.200	--	4.18	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.48	0.200	--	5.58	0.754	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.506	0.200	--	3.43	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.412	0.200	--	1.79	0.869	--		1
p/m-Xylene	1.19	0.400	--	5.17	1.74	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-13
Client ID: B6 SV-1
Sample Location: BRONX, NY

Date Collected: 04/14/21 10:30
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.529	0.200	--	2.25	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.505	0.200	--	2.19	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.297	0.200	--	1.46	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	104		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	103		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-13
Client ID: B6 SV-1
Sample Location: BRONX, NY

Date Collected: 04/14/21 10:30
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/21/21 08:41
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
2-Hexanone	0.271	0.200	--	1.11	0.820	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	98		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-14
Client ID: B6 SV-2
Sample Location: BRONX, NY

Date Collected: 04/14/21 10:24
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/21/21 06:41
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.372	0.200	--	1.84	0.989	--		1
Chloromethane	0.217	0.200	--	0.448	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.843	0.200	--	1.86	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	32.2	5.00	--	60.7	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	9.83	1.00	--	23.4	2.38	--		1
Trichlorofluoromethane	0.205	0.200	--	1.15	1.12	--		1
Isopropanol	1.74	0.500	--	4.28	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.812	0.500	--	2.46	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.17	0.200	--	3.64	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	3.09	0.500	--	9.11	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-14
Client ID: B6 SV-2
Sample Location: BRONX, NY

Date Collected: 04/14/21 10:24
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.485	0.200	--	2.37	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	7.35	0.200	--	25.9	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.804	0.200	--	2.57	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.316	0.200	--	1.09	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.524	0.200	--	2.82	1.07	--		1
2,2,4-Trimethylpentane	0.270	0.200	--	1.26	0.934	--		1
Heptane	3.94	0.200	--	16.1	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.90	0.200	--	7.16	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	1.07	0.200	--	7.26	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.611	0.200	--	2.65	0.869	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

SAMPLE RESULTS

Lab ID: L2119113-14
Client ID: B6 SV-2
Sample Location: BRONX, NY

Date Collected: 04/14/21 10:24
Date Received: 04/14/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.56	0.400	--	6.78	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.870	0.200	--	3.70	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.698	0.200	--	3.03	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.488	0.200	--	2.40	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	99		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/20/21 14:43

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 13 Batch: WG1488590-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2119113

Project Number: 13453 **Report Date:** 04/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/20/21 14:43

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 13 Batch: WG1488590-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/20/21 14:43

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 13 Batch: WG1488590-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/20/21 14:57

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-14 Batch: WG1488597-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2119113

Project Number: 13453 **Report Date:** 04/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/20/21 14:57

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-14 Batch: WG1488597-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/20/21 14:57

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-14 Batch: WG1488597-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/21/21 15:27

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 03,06,11 Batch: WG1489068-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: NEW STEVENSON COMMONS **Lab Number:** L2119113

Project Number: 13453 **Report Date:** 04/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/21/21 15:27

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 03,06,11 Batch: WG1489068-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/21/21 15:27

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 03,06,11 Batch: WG1489068-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119113

Report Date: 04/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 13 Batch: WG1488590-3								
Dichlorodifluoromethane	94		-		70-130	-		
Chloromethane	98		-		70-130	-		
Freon-114	96		-		70-130	-		
Vinyl chloride	91		-		70-130	-		
1,3-Butadiene	97		-		70-130	-		
Bromomethane	90		-		70-130	-		
Chloroethane	86		-		70-130	-		
Ethanol	82		-		40-160	-		
Vinyl bromide	87		-		70-130	-		
Acetone	73		-		40-160	-		
Trichlorofluoromethane	84		-		70-130	-		
Isopropanol	70		-		40-160	-		
1,1-Dichloroethene	95		-		70-130	-		
Tertiary butyl Alcohol	75		-		70-130	-		
Methylene chloride	98		-		70-130	-		
3-Chloropropene	102		-		70-130	-		
Carbon disulfide	87		-		70-130	-		
Freon-113	95		-		70-130	-		
trans-1,2-Dichloroethene	94		-		70-130	-		
1,1-Dichloroethane	96		-		70-130	-		
Methyl tert butyl ether	82		-		70-130	-		
2-Butanone	96		-		70-130	-		
cis-1,2-Dichloroethene	100		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119113

Report Date: 04/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 13 Batch: WG1488590-3								
Ethyl Acetate	100		-		70-130	-		
Chloroform	96		-		70-130	-		
Tetrahydrofuran	94		-		70-130	-		
1,2-Dichloroethane	90		-		70-130	-		
n-Hexane	93		-		70-130	-		
1,1,1-Trichloroethane	90		-		70-130	-		
Benzene	94		-		70-130	-		
Carbon tetrachloride	92		-		70-130	-		
Cyclohexane	95		-		70-130	-		
1,2-Dichloropropane	102		-		70-130	-		
Bromodichloromethane	97		-		70-130	-		
1,4-Dioxane	97		-		70-130	-		
Trichloroethene	99		-		70-130	-		
2,2,4-Trimethylpentane	97		-		70-130	-		
Heptane	102		-		70-130	-		
cis-1,3-Dichloropropene	101		-		70-130	-		
4-Methyl-2-pentanone	102		-		70-130	-		
trans-1,3-Dichloropropene	85		-		70-130	-		
1,1,2-Trichloroethane	102		-		70-130	-		
Toluene	103		-		70-130	-		
2-Hexanone	104		-		70-130	-		
Dibromochloromethane	109		-		70-130	-		
1,2-Dibromoethane	105		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119113

Report Date: 04/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 13 Batch: WG1488590-3								
Tetrachloroethene	102		-		70-130	-		
Chlorobenzene	105		-		70-130	-		
Ethylbenzene	108		-		70-130	-		
p/m-Xylene	109		-		70-130	-		
Bromoform	110		-		70-130	-		
Styrene	109		-		70-130	-		
1,1,2,2-Tetrachloroethane	118		-		70-130	-		
o-Xylene	109		-		70-130	-		
4-Ethyltoluene	106		-		70-130	-		
1,3,5-Trimethylbenzene	108		-		70-130	-		
1,2,4-Trimethylbenzene	108		-		70-130	-		
Benzyl chloride	110		-		70-130	-		
1,3-Dichlorobenzene	110		-		70-130	-		
1,4-Dichlorobenzene	109		-		70-130	-		
1,2-Dichlorobenzene	112		-		70-130	-		
1,2,4-Trichlorobenzene	104		-		70-130	-		
Hexachlorobutadiene	102		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119113

Report Date: 04/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-14 Batch: WG1488597-3								
Dichlorodifluoromethane	88		-		70-130	-		
Chloromethane	107		-		70-130	-		
Freon-114	95		-		70-130	-		
Vinyl chloride	96		-		70-130	-		
1,3-Butadiene	97		-		70-130	-		
Bromomethane	100		-		70-130	-		
Chloroethane	103		-		70-130	-		
Ethanol	86		-		40-160	-		
Vinyl bromide	117		-		70-130	-		
Acetone	78		-		40-160	-		
Trichlorofluoromethane	108		-		70-130	-		
Isopropanol	91		-		40-160	-		
1,1-Dichloroethene	97		-		70-130	-		
Tertiary butyl Alcohol	85		-		70-130	-		
Methylene chloride	119		-		70-130	-		
3-Chloropropene	118		-		70-130	-		
Carbon disulfide	110		-		70-130	-		
Freon-113	124		-		70-130	-		
trans-1,2-Dichloroethene	101		-		70-130	-		
1,1-Dichloroethane	107		-		70-130	-		
Methyl tert butyl ether	101		-		70-130	-		
2-Butanone	122		-		70-130	-		
cis-1,2-Dichloroethene	105		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119113

Report Date: 04/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-14 Batch: WG1488597-3								
Ethyl Acetate	108		-		70-130	-		
Chloroform	95		-		70-130	-		
Tetrahydrofuran	119		-		70-130	-		
1,2-Dichloroethane	98		-		70-130	-		
n-Hexane	99		-		70-130	-		
1,1,1-Trichloroethane	111		-		70-130	-		
Benzene	95		-		70-130	-		
Carbon tetrachloride	102		-		70-130	-		
Cyclohexane	97		-		70-130	-		
1,2-Dichloropropane	115		-		70-130	-		
Bromodichloromethane	98		-		70-130	-		
1,4-Dioxane	106		-		70-130	-		
Trichloroethene	117		-		70-130	-		
2,2,4-Trimethylpentane	100		-		70-130	-		
Heptane	127		-		70-130	-		
cis-1,3-Dichloropropene	106		-		70-130	-		
4-Methyl-2-pentanone	130		-		70-130	-		
trans-1,3-Dichloropropene	91		-		70-130	-		
1,1,2-Trichloroethane	118		-		70-130	-		
Toluene	122		-		70-130	-		
2-Hexanone	**138**	Q	-		70-130	-		
Dibromochloromethane	130		-		70-130	-		
1,2-Dibromoethane	115		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119113

Report Date: 04/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-14 Batch: WG1488597-3								
Tetrachloroethene	124		-		70-130	-		
Chlorobenzene	112		-		70-130	-		
Ethylbenzene	122		-		70-130	-		
p/m-Xylene	125		-		70-130	-		
Bromoform	**131**	Q	-		70-130	-		
Styrene	115		-		70-130	-		
1,1,2,2-Tetrachloroethane	122		-		70-130	-		
o-Xylene	128		-		70-130	-		
4-Ethyltoluene	112		-		70-130	-		
1,3,5-Trimethylbenzene	113		-		70-130	-		
1,2,4-Trimethylbenzene	121		-		70-130	-		
Benzyl chloride	128		-		70-130	-		
1,3-Dichlorobenzene	124		-		70-130	-		
1,4-Dichlorobenzene	125		-		70-130	-		
1,2-Dichlorobenzene	123		-		70-130	-		
1,2,4-Trichlorobenzene	**144**	Q	-		70-130	-		
Hexachlorobutadiene	130		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119113

Report Date: 04/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03,06,11 Batch: WG1489068-3								
Dichlorodifluoromethane	93		-		70-130	-		
Chloromethane	95		-		70-130	-		
Freon-114	96		-		70-130	-		
Vinyl chloride	91		-		70-130	-		
1,3-Butadiene	96		-		70-130	-		
Bromomethane	83		-		70-130	-		
Chloroethane	85		-		70-130	-		
Ethanol	79		-		40-160	-		
Vinyl bromide	87		-		70-130	-		
Acetone	79		-		40-160	-		
Trichlorofluoromethane	81		-		70-130	-		
Isopropanol	75		-		40-160	-		
1,1-Dichloroethene	92		-		70-130	-		
Tertiary butyl Alcohol	75		-		70-130	-		
Methylene chloride	98		-		70-130	-		
3-Chloropropene	98		-		70-130	-		
Carbon disulfide	87		-		70-130	-		
Freon-113	95		-		70-130	-		
trans-1,2-Dichloroethene	91		-		70-130	-		
1,1-Dichloroethane	94		-		70-130	-		
Methyl tert butyl ether	83		-		70-130	-		
2-Butanone	91		-		70-130	-		
cis-1,2-Dichloroethene	97		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW STEVENSON COMMONS
Project Number: 13453
Lab Number: L2119113
Report Date: 04/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03,06,11 Batch: WG1489068-3								
Ethyl Acetate	94		-		70-130	-		
Chloroform	94		-		70-130	-		
Tetrahydrofuran	89		-		70-130	-		
1,2-Dichloroethane	88		-		70-130	-		
n-Hexane	91		-		70-130	-		
1,1,1-Trichloroethane	90		-		70-130	-		
Benzene	93		-		70-130	-		
Carbon tetrachloride	92		-		70-130	-		
Cyclohexane	94		-		70-130	-		
1,2-Dichloropropane	98		-		70-130	-		
Bromodichloromethane	95		-		70-130	-		
1,4-Dioxane	94		-		70-130	-		
Trichloroethene	98		-		70-130	-		
2,2,4-Trimethylpentane	96		-		70-130	-		
Heptane	98		-		70-130	-		
cis-1,3-Dichloropropene	101		-		70-130	-		
4-Methyl-2-pentanone	98		-		70-130	-		
trans-1,3-Dichloropropene	86		-		70-130	-		
1,1,2-Trichloroethane	101		-		70-130	-		
Toluene	101		-		70-130	-		
2-Hexanone	100		-		70-130	-		
Dibromochloromethane	108		-		70-130	-		
1,2-Dibromoethane	105		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119113

Report Date: 04/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03,06,11 Batch: WG1489068-3								
Tetrachloroethene	100		-		70-130	-		
Chlorobenzene	105		-		70-130	-		
Ethylbenzene	106		-		70-130	-		
p/m-Xylene	107		-		70-130	-		
Bromoform	110		-		70-130	-		
Styrene	109		-		70-130	-		
1,1,2,2-Tetrachloroethane	116		-		70-130	-		
o-Xylene	108		-		70-130	-		
4-Ethyltoluene	105		-		70-130	-		
1,3,5-Trimethylbenzene	108		-		70-130	-		
1,2,4-Trimethylbenzene	109		-		70-130	-		
Benzyl chloride	111		-		70-130	-		
1,3-Dichlorobenzene	110		-		70-130	-		
1,4-Dichlorobenzene	110		-		70-130	-		
1,2-Dichlorobenzene	113		-		70-130	-		
1,2,4-Trichlorobenzene	104		-		70-130	-		
Hexachlorobutadiene	104		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119113
Report Date: 04/22/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1488597-5 QC Sample: L2119113-03 Client ID: B1 SV-2						
Dichlorodifluoromethane	0.576	0.526	ppbV	9		25
Chloromethane	ND	ND	ppbV	NC		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	5.66	5.34	ppbV	6		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	3.04	2.93	ppbV	4		25
Trichlorofluoromethane	0.328	0.293	ppbV	11		25
Isopropanol	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	1.60	1.55	ppbV	3		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	0.734	0.721	ppbV	2		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119113
Report Date: 04/22/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1488597-5 QC Sample: L2119113-03 Client ID: B1 SV-2						
2-Butanone	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	0.354	0.355	ppbV	0		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	0.358	0.357	ppbV	0		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	ND	ND	ppbV	NC		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119113
Report Date: 04/22/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1488597-5 QC Sample: L2119113-03 Client ID: B1 SV-2						
Toluene	1.50	1.55	ppbV	3		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	5.04	5.14	ppbV	2		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	1.65	1.68	ppbV	2		25
p/m-Xylene	2.91	2.93	ppbV	1		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	1.89	1.92	ppbV	2		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: NEW STEVENSON COMMONS

Lab Number: L2119113

Project Number: 13453

Report Date: 04/22/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2119113-01	AA-1	01542	Flow 3	04/01/21	347217		-	-	-	Pass	18.0	18.6	3
L2119113-01	AA-1	3424	2.7L Can	04/01/21	347217	L2115490-02	Pass	-29.6	-3.0	-	-	-	-
L2119113-02	B1 SV-1	01881	SV20	04/01/21	347217		-	-	-	Pass	19.3	18.1	6
L2119113-02	B1 SV-1	3453	2.7L Can	04/01/21	347217	L2115490-02	Pass	-29.6	-5.5	-	-	-	-
L2119113-03	B1 SV-2	0507	SV20	04/01/21	347217		-	-	-	Pass	19.4	18.1	7
L2119113-03	B1 SV-2	3191	2.7L Can	04/01/21	347217	L2115490-02	Pass	-29.5	-5.0	-	-	-	-
L2119113-04	B2 SV-1	01337	SV20	04/01/21	347217		-	-	-	Pass	18.3	17.5	4
L2119113-04	B2 SV-1	3428	2.7L Can	04/01/21	347217	L2115490-02	Pass	-29.5	-6.9	-	-	-	-
L2119113-05	B2 SV-2	01872	SV20	04/01/21	347217		-	-	-	Pass	17.5	16.1	8
L2119113-05	B2 SV-2	2601	2.7L Can	04/01/21	347217	L2115490-02	Pass	-29.3	-6.5	-	-	-	-
L2119113-06	B3 SV-1	0856	SV20	04/01/21	347217		-	-	-	Pass	19.4	17.8	9
L2119113-06	B3 SV-1	2300	2.7L Can	04/01/21	347217	L2115490-02	Pass	-29.6	-5.1	-	-	-	-
L2119113-07	B3 SV-2	01351	SV20	04/01/21	347217		-	-	-	Pass	18.1	16.7	8
L2119113-07	B3 SV-2	512	2.7L Can	04/01/21	347217	L2115490-02	Pass	-29.6	-6.8	-	-	-	-
L2119113-08	AA-2	01850	SV20	04/01/21	347217		-	-	-	Pass	18.7	17.4	7

Project Name: NEW STEVENSON COMMONS

Project Number: 13453

Lab Number: L2119113

Report Date: 04/22/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2119113-08	AA-2	2851	2.7L Can	04/01/21	347217	L2115490-02	Pass	-29.7	-4.9	-	-	-	-
L2119113-09	B4 SV-1	0851	SV20	04/01/21	347217		-	-	-	Pass	19.4	17.8	9
L2119113-09	B4 SV-1	107	2.7L Can	04/01/21	347217	L2115490-02	Pass	-29.6	-4.5	-	-	-	-
L2119113-10	B4 SV-2	0901	SV20	04/01/21	347217		-	-	-	Pass	18.6	17.2	8
L2119113-10	B4 SV-2	540	2.7L Can	04/01/21	347217	L2115490-02	Pass	-29.6	-5.0	-	-	-	-
L2119113-11	B5 SV-1	01935	SV20	04/01/21	347217		-	-	-	Pass	18.5	17.6	5
L2119113-11	B5 SV-1	2763	2.7L Can	04/01/21	347217	L2115490-02	Pass	-29.6	-5.1	-	-	-	-
L2119113-12	B5 SV-2	01874	SV20	04/01/21	347217		-	-	-	Pass	19.6	18.3	7
L2119113-12	B5 SV-2	187	2.7L Can	04/01/21	347217	L2115490-02	Pass	-29.6	-4.2	-	-	-	-
L2119113-13	B6 SV-1	01349	SV20	04/01/21	347217		-	-	-	Pass	17.8	16.2	9
L2119113-13	B6 SV-1	2334	2.7L Can	04/01/21	347217	L2115490-02	Pass	-29.8	-7.2	-	-	-	-
L2119113-14	B6 SV-2	01343	SV20	04/01/21	347217		-	-	-	Pass	17.8	16.2	9
L2119113-14	B6 SV-2	481	2.7L Can	04/01/21	347217	L2115490-02	Pass	-29.8	-7.4	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2115490
Report Date: 04/22/21

Air Canister Certification Results

Lab ID: L2115490-02
Client ID: CAN 476 SHELF 2
Sample Location:

Date Collected: 03/27/21 16:00
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/29/21 17:39
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2115490
Report Date: 04/22/21

Air Canister Certification Results

Lab ID: L2115490-02
Client ID: CAN 476 SHELF 2
Sample Location:

Date Collected: 03/27/21 16:00
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2115490
Report Date: 04/22/21

Air Canister Certification Results

Lab ID: L2115490-02
Client ID: CAN 476 SHELF 2
Sample Location:

Date Collected: 03/27/21 16:00
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2115490
Report Date: 04/22/21

Air Canister Certification Results

Lab ID: L2115490-02
Client ID: CAN 476 SHELF 2
Sample Location:

Date Collected: 03/27/21 16:00
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2115490
Report Date: 04/22/21

Air Canister Certification Results

Lab ID: L2115490-02
Client ID: CAN 476 SHELF 2
Sample Location:

Date Collected: 03/27/21 16:00
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	86		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2115490
Report Date: 04/22/21

Air Canister Certification Results

Lab ID: L2115490-02
Client ID: CAN 476 SHELF 2
Sample Location:

Date Collected: 03/27/21 16:00
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/29/21 17:39
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2115490
Report Date: 04/22/21

Air Canister Certification Results

Lab ID: L2115490-02
Client ID: CAN 476 SHELF 2
Sample Location:

Date Collected: 03/27/21 16:00
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2115490
Report Date: 04/22/21

Air Canister Certification Results

Lab ID: L2115490-02
Client ID: CAN 476 SHELF 2
Sample Location:

Date Collected: 03/27/21 16:00
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	80		60-140
bromochloromethane	83		60-140
chlorobenzene-d5	83		60-140

Project Name: NEW STEVENSON COMMONS
Project Number: 13453

Lab Number: L2119113
Report Date: 04/22/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2119113-01A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2119113-02A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2119113-03A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2119113-04A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2119113-05A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2119113-06A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2119113-07A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2119113-08A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2119113-09A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2119113-10A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2119113-11A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2119113-12A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2119113-13A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2119113-14A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	NEW STEVENSON COMMONS	**Lab Number:**	L2119113
Project Number:	13453	**Report Date:**	04/22/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	NEW STEVENSON COMMONS	**Lab Number:**	L2119113
Project Number:	13453	**Report Date:**	04/22/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Project Name:	NEW STEVENSON COMMONS	**Lab Number:**	L2119113
Project Number:	13453	**Report Date:**	04/22/21

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

PAGE 1 OF 2

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 4-15-21

ALPHA Job #: L2119113

Client Information

Client: IMPACT ENVIRONMENTAL
Address: 170 KEHLAND COURT
BOHEMIA, NY
Phone: 631-267-3300
Fax:
Email: DFRUHAUF@IMPACTENVIRONMENTAL.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: NEW STEVENSON COMMONS
Project Location: BRONX, NY
Project #: 13453
Project Manager: DAN FRUHAUF
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH (Subset Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
19113-01	AA-1	4/13/21	905	1105	-30.29	-4.81	AA	TS	2.7L	3424	01542	X					
02	B1 SV-1	4/13/21	850	1050	-30.43	-7.60	SV	TS	2.7L	3453	01881	X					
03	B1 SV-2	4/13/21	903	1103	-30.06	-6.35	SV	TS	2.7L	3491	01507	X					
04	B2 SV-1	4/13/21	923	1123	-30.24	-8.82	SV	TS	2.7L	3428	01337	X					
05	B2 SV-2	4/13/21	944	1044	-29.94	-3.43	SV	TS	2.7L	2601	01372	X					
06	B3 SV-1	4/13/21	918	1118	-30.26	-6.87	SV	TS	2.7L	2320	01356	X					
07	B3 SV-2	4/13/21	927	1127	-30.41	-8.65	SV	TS	2.7L	512	01351	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: CS

Relinquished By:	Date/Time	Received By:	Date/Time:
	4/14/21, 1500	GJAC (AAN)	4/14/21, 18:30
GJAC	4/14/21 20:20	AAL	4/14/21 22:00
AAL	4/15/21 03:45		4/15/21 0345

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

AIR ANALYSIS

ALPHA ANALYTICAL — CHAIN OF CUSTODY

PAGE 2 OF 2

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 4-15-21

ALPHA Job #: L2119113

Client Information

Client: IMPACT ENVIRONMENTAL
Address: 170 KEYLAND COURT
BOHEMIA, NY
Phone: 631-269-8800
Fax:
Email: DFRUHAUF@IMPACTENVIRONMENTAL.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: NEW STEVENSON COMMONS
Project Location: BRONX, NY
Project #: 13453
Project Manager: DAN FRUHAUF
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH (subset Non-petroleum HCs) ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
08	AA-2	4/14/21	810	1010	-30.30	-6.00	AA	MD	2.7L	2851	01350	X					
09	BH SV-1	4/14/21	719	919	-30.20	-5.19	SV	MD	2.7L	157	0851	X					
10	BH SV-2	4/14/21	722	922	-31.23	-6.04	SV	MD	2.7L	540	0901	X					
11	B5 SV-1	4/14/21	727	927	-30.40	-5.98	SV	MD	2.7L	2763	01435	X					
12	B5 SV-2	4/14/21	730	930	-30.32	-4.87	SV	MD	2.7L	137	0874	X					
13	B6 SV-1	4/14/21	830	1030	-30.32	-8.33	SV	MD	2.7L	2334	01349	X					
14	B6 SV-2	4/14/21	824	1024	-30.34	-8.44	SV	MD	2.7L	481	01343	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: 6S

Relinquished By:	Date/Time	Received By:	Date/Time:
GJAC	4/14/21, 1500	GJAC (AAL)	4/14/21, 18:30
AAL	4/14/21, 20:20	AAL	4/14/21 22:00
AAL	4/15/21 03:45		4/15/21 0345

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

440 Park Avenue South, 7th Floor
New York, NY 10016
tel: 212.696.0670
www.akrf.com

Ms. Sarah Pizer
Stevenson B3 LLC (% Camber Property Group)
116 East 27th Street, 11th Floor
New York, NY 10016

January 23, 2025

Re: Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation Results

Dear Ms. Pizer:

AKRF, Inc. (AKRF) conducted a Subsurface Investigation on behalf of Stevenson B3 LLC at the Stevenson Commons Building B3 project site, located at 1850 Lafayette Avenue in the Bronx, New York (the Site). The Site is legally identified as Bronx Borough Tax Block 3600, portions of Lots 4, 15, and 25. The approximately 2.36-acre Site consists of a vacant field with overgrown vegetation and portions of an east-adject fire lane; and is bounded to the north by parking lots and tennis courts associated with the existing Stevenson Commons apartment complex, followed by Lafayette Avenue; to the east by a paved fire lane, followed by the existing Stevenson Commons apartment complex; to the south by the Stevenson Commons Building B4 and B5 project sites (actively under construction), followed by Seward Avenue; and to the west by Thieriot Avenue, followed by residential buildings. A Site Location Map is provided as Figure 1 and a Site Plan is provided as Figure 2.

The purpose of the Subsurface Investigation was to obtain additional soil, groundwater, and soil vapor data at the Site to support a New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) application. The Subsurface Investigation was conducted in December 2024 and included the following scope of work:

1. Conducted a geophysical survey to investigate the potential presence of underground storage tanks (USTs), and to clear boring locations of underground utilities;
2. Advanced 12 soil borings across the Site and collected 36 soil samples for chemical analysis to evaluate soil quality;
3. Installed three permanent two-inch diameter groundwater monitoring wells across the Site and collected three groundwater samples for chemical analysis to evaluate groundwater quality; and,
4. Installed three temporary soil vapor points across the Site and collected three soil vapor samples for chemical analysis to evaluate soil vapor quality.

The locations of the soil borings, groundwater monitoring wells, and soil vapor points are included on Figure 2. A formal Remedial Investigation Work Plan (RIWP) that includes the above scope of work in addition to proposed supplemental soil, groundwater, and soil vapor sampling and historic sampling will be submitted along with the BCP Application, and a Remedial Investigation Report (RIR) will be prepared that includes findings from all investigations.

Soil Boring Advancement and Sampling

On December 17 and 18, 2024, 12 soil borings (SB-01 through SB-12) were advanced across the Site at the locations shown on Figure 2. The soil borings were advanced by Coastal Environmental Solutions, Inc. of Holbrook, New York (Coastal) using a Geoprobe® direct-push probe (DPP) drill rig to a depth of approximately 10 feet below ground surface (bgs). Soil cores were continuously collected in five-foot long, two-inch diameter, stainless steel macrocore piston rod samplers fitted with dedicated, internal acetate liners. The cores were field-screened using a photoionization detector (PID) equipped with a 10.6 electron volt (eV) lamp, and logged using the modified Burmister soil classification system. The PID was calibrated at the beginning of each field day with isobutylene gas in accordance with the manufacturer's specifications.

At each boring location, AKRF field personnel recorded and documented subsurface conditions. All sampling equipment was either dedicated or decontaminated between sampling locations.

At each boring location, one grab sample was collected for analysis from surface grade to 2 feet bgs; a second grab sample was collected for analysis from the 2 to 4 feet bgs interval; and a third grab sample was collected for analysis from the two-foot interval with the highest PID readings or visual evidence of contamination, or in the absence of any such signs of contamination, the two-foot interval directly above the groundwater interface (8 to 10 feet bgs interval). No PID readings, odors, and/or staining were detected in any of the soil borings; therefore, the third sample was consistently collected from the 8 to 10 feet bgs interval. Upon completion of the soil sampling, the borings were backfilled to their original surface condition. Disposable sampling equipment (e.g., acetate liners, gloves, plastic bags, paper towels, etc.) that came in contact with environmental media were disposed of as municipal trash in a facility trash dumpster as non-hazardous refuse.

Soil samples slated for laboratory analysis were labeled and placed in laboratory-supplied containers and shipped to the laboratory via courier with appropriate chain of custody documentation in accordance with United States Environmental Protection Agency (USEPA) protocols to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory. Three of the 12 samples were analyzed for the full NYSDEC Part 375 suite of analyses, which included volatile organic compounds (VOCs) by EPA Method 8260D, semivolatile organic compounds (SVOCs) by EPA Method 8270E, polychlorinated biphenyls (PCBs) by EPA Method 8082, pesticides by EPA Method 8081, the total analyte list (TAL) of metals by EPA Method 6000/7000 series plus mercury by EPA Method 7471B and hexavalent chromium by EPA Method 7196A, and per- and polyfluoroalkyl substances (PFAS) by EPA Method 1633. The remaining nine samples were analyzed for a limited set of analyses, specific to the known contamination identified during a previous subsurface (Phase II) investigation conducted by others in 2021, which included VOCs by EPA Method 8260D, polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270E, and TAL metals by EPA Method 6000/7000 series. All samples were additionally collected for Toxicity Characteristic Leaching Procedure (TCLP) on PAHs and metals; however, these analyses were held pending the results of the base scope. For quality assurance/quality control (QA/QC) purposes, two sets of blind duplicate samples, matrix spike (MS)/matrix spike duplicate (MSD) samples, field blanks, and trip blanks were also collected. The blind duplicate and field blank samples were analyzed for all testing parameters previously noted; and trip blank samples were analyzed for VOCs only. All laboratory analytical results were reported using Category B deliverables.

Soil sample analytical results were compared to the 6 New York Codes, Rules and Regulations (NYCRR) Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs), and PFAS Guidance Values, which are the applicable Soil Cleanup Objectives (SCOs) for the proposed use of the Site. Compounds additionally analyzed for TCLP were compared to their respective EPA Hazardous Thresholds. Soil sample analytical results are presented in Tables 1 through 7.

Permanent Groundwater Monitoring Well Installation and Development

Between December 17 and 19, 2024, three permanent two-inch diameter groundwater monitoring wells (MW-01 through MW-03) were installed across the Site at the locations shown on Figure 2. The wells were installed by Coastal using a Geoprobe® DPP drill rig. Each well was constructed with 10 feet of 0.020-inch slotted polyvinyl chloride (PVC) well screen. A No. 2 Morie sand pack was installed from the bottom of each well to approximately two feet above the well screen, followed by two feet of hydrated bentonite. The remaining annular space around the well was filled with bentonite-cement grout to approximately 0.5 feet bgs. The wells were subsequently finished with locking j-plugs, flush-mount well caps, and a concrete pad.

Following installation, the wells were developed to remove any accumulated fines and to establish a hydraulic connection with the surrounding aquifer. Well development methods included pumping and surging the water column using a Monsoon pump affixed with dedicated tubing, a surge block, and a foot valve. The purge water was continuously monitored using a Horiba U-52 water quality meter, and development continued until the turbidity was less than 50 nephelometric turbidity units (NTUs) for three successive readings, and water quality indicators (i.e., pH, temperature, oxidation reduction potential, dissolved oxygen, and specific conductivity) stabilized to within 10% for three successive readings.

On December 27, 2024, approximately one week after well installation, groundwater samples were collected using EPA low-flow sampling methodology using dedicated and decontaminated sampling equipment. Prior to collecting any groundwater samples, the depth to groundwater and the total well depths were measured at each monitoring well using a multi-parameter interface probe attached to a measuring tape accurate to 0.01 foot. No free phase product (NAPL) was detected in any of the wells during installation, purging, or sampling. Purging of the wells continued until the turbidity was less than 50 NTUs and groundwater quality parameters stabilized. All purge water was containerized in labeled, DOT-approved 55-gallon drums for off-site disposal at a permitted facility.

Groundwater samples slated for laboratory analysis were labeled and placed in laboratory-supplied containers and shipped to the laboratory via courier with appropriate chain of custody documentation in accordance with USEPA protocols to a NYSDOH ELAP-certified laboratory. One of the three samples were analyzed for the full NYSDEC Part 375 suite of analyses, which included VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, PCBs by EPA Method 8082, pesticides by EPA Method 8081, total and dissolved TAL metals by EPA Method 6000/7000 series plus mercury by EPA Method 7471B, and PFAS by EPA Method 1633 series. The remaining two samples were analyzed for a limited set of analyses, specific to the known contamination identified during a previous subsurface (Phase II) investigation conducted by others in 2021, which included VOCs by EPA Method 8260D, PAHs by EPA Method 8270E, and TAL metals by EPA Method 6000/7000 series plus mercury by EPA Method 7471B. For QA/QC purposes, one blind duplicate sample, MS/MSD sample, field blank, and trip blank were also collected. The blind duplicate and field blank sample were analyzed for all of the testing parameters previously noted; and the trip blank sample was analyzed for VOCs only. All laboratory analytical results were reported using Category B deliverables.

Groundwater sample analytical results were compared to the NYSDEC Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs) and PFAS Human Health Criteria Guidance Values. Groundwater sample analytical results are presented in Tables 8 through 14.

Temporary Soil Vapor Point Installation

On December 19, 2024, three temporary soil vapor points (SV-01 through SV-03) were installed across the Site at the locations shown on Figure 2. The vapor points were installed by Coastal by advancing an expendable drive point using a Geoprobe® DPP drill rig. At each point, a 6-inch stainless steel screen implant connected to Teflon™-lined polyethylene tubing was installed in the boring, and the sample tubing was extended from the bottom end of the screen to above grade. The borings were backfilled with No. 2 Morie sand to 6 inches above the screen. Hydrated bentonite was used to fill the remaining void around the sampling tubing to the ground surface.

Prior to sample collection, each vapor point was purged of three sample volumes using a GilAir Plus pump at a flow rate of 0.2 liter per minute. During purging, a shroud was placed over each point and helium gas was introduced through a small hole in the shroud to saturate the atmosphere around the sample port. Purged vapors were collected in a Tedlar® bag and field-screened for VOCs and methane using a MultiRAE PID. PID readings for VOCs ranged from non-detect (ND) to 1.9 ppm; no methane was detected in any of the vapor points. The purged vapor was also monitored using a portable helium detector to check for short-circuiting of ambient air into the vapor point, and all soil vapor points passed the seal integrity tests.

After purging, each probe was connected via Teflon™-lined polyethylene tubing to a laboratory-supplied 6-Liter SUMMA® canister equipped with a flow regulator set to collect a sample over a two-hour period. Immediately after opening the flow control valve, the initial SUMMA® canister vacuum (inches of mercury) was recorded. After approximately two hours, the flow controller valve was closed, and the final vacuum was recorded. Methodologies used for soil vapor assessment were consistent with relevant portions of the NYSDOH *Final Guidance on Soil Vapor Intrusion*, October 2006. Samples were transported via courier with appropriate chain of custody documentation to a NYSDOH ELAP-certified laboratory for analysis of VOCs by EPA Method TO-15. All laboratory analytical results were reported using Category B deliverables.

Although there are currently no regulatory or published guidance values for VOCs in soil vapor, the soil vapor data was used to assess the potential for exposure to future building occupants and to help define the nature and extent of contamination at the Site. Soil vapor sample analytical results are presented in Table 15.

Geology and Hydrogeology

Soil beneath the Site consisted of fill material, including sand, gravel, silt, and brick from surface grade to the terminus of each boring at approximately 10 feet bgs. No PID readings, odors, and/or staining were detected in any of the soil borings. Groundwater beneath the Site was encountered between 11.05 and 13.01 feet bgs, and is expected to flow in a southwesterly direction.

Analytical Results

Laboratory analytical results for soil, groundwater, and soil vapor from this Subsurface Investigation are summarized in the sections below.

Soil

VOCs

Eleven VOCs, including acetone, carbon disulfide, methylene chloride, benzene, ethylbenzene, toluene, and xylenes (collectively referred to as BTEX), tetrachloroethene (PCE), and trichloroethene (TCE), were detected in one or more soil samples analyzed, at concentrations below UUSCOs. No other VOCs were detected above their reporting limits in any of the samples.

SVOCS

Thirty-eight SVOCs were detected in one or more of the soil samples analyzed. Nine SVOCs were detected at concentrations above the UUSCOs and/or RRSCOs, as presented in the following table, Table A.

Table A
SVOCs in Soil above UUSCOs and/or RRSCOs

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
4-Methylphenol (P-Cresol)	SB-06_0-2_20241217	0.33	100	1.2
Benzo(a)Anthracene	SB-02_8-10_20241217	1	1	**13**
	SB-04_0-2_20241217			**2.1**
	SB-05_0-2_20241217			**4**
	SB-05_2-4_20241217			**2.2**
	SB-06_0-2_20241217			**2.9**
	SB-06_2-4_20241217			**2.3**
	SB-06_8-10_20241217			**1.5**
	SB-12_0-2_20241218			**1.3**
	SB-12_2-4_20241218			**2.3**
	SB-12_8-10_20241218			**2.4**
Benzo(a)Pyrene	SB-02_8-10_20241217	1	1	**12**
	SB-04_0-2_20241217			**2**
	SB-05_0-2_20241217			**4**
	SB-05_2-4_20241217			**1.9**
	SB-06_0-2_20241217			**2.8**
	SB-06_2-4_20241217			**2.4**
	SB-06_8-10_20241217			**1.5**
	SB-12_0-2_20241218			**1.2**
	SB-12_2-4_20241218			**2.3**
	SB-12_8-10_20241218			**2.3**

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Benzo(b)Fluoranthene	SB-02_8-10_20241217	1	1	**17**
	SB-04_0-2_20241217			**2.5**
	SB-05_0-2_20241217			**5.1**
	SB-05_2-4_20241217			**2.5**
	SB-06_0-2_20241217			**3.7**
	SB-06_2-4_20241217			**3**
	SB-06_8-10_20241217			**1.8**
	SB-11_0-2_20241218			**1.1**
	SB-12_0-2_20241218			**1.5**
	SB-12_2-4_20241218			**3**
	SB-12_8-10_20241218			**2.9**
Benzo(k)Fluoranthene	SB-02_8-10_20241217	0.8	3.9	**5.2**
	SB-04_0-2_20241217			0.96
	SB-05_0-2_20241217			1.8
	SB-05_2-4_20241217			1
	SB-06_0-2_20241217			1.3
	SB-06_2-4_20241217			1.2
	SB-12_2-4_20241218			1.1
	SB-12_8-10_20241218			1.1
Chrysene	SB-02_8-10_20241217	1	3.9	**14**
	SB-04_0-2_20241217			2
	SB-05_0-2_20241217			**4.1**
	SB-05_2-4_20241217			2.2
	SB-06_0-2_20241217			2.7
	SB-06_2-4_20241217			2.3
	SB-06_8-10_20241217			1.5
	SB-12_0-2_20241218			1.2
	SB-12_2-4_20241218			2.4
	SB-12_8-10_20241218			2.4
Dibenz(a,h)Anthracene	SB-02_8-10_20241217	0.33	0.33	**1.6**
	SB-05_0-2_20241217			**0.65**
	SB-05_2-4_20241217			**0.34**
	SB-06_0-2_20241217			**0.46**
	SB-06_2-4_20241217			**0.4**
Indeno(1,2,3-c,d)Pyrene	SB-02_8-10_20241217	0.5	0.5	**6.5**
	SB-04_0-2_20241217			**1.1**
	SB-05_0-2_20241217			**2.4**
	SB-05_2-4_20241217			**1.2**
	SB-06_0-2_20241217			**1.6**
	SB-06_2-4_20241217			**1.4**
	SB-06_8-10_20241217			**0.94**
	SB-12_0-2_20241218			**0.6**
	SB-12_2-4_20241218			**1.1**
	SB-12_8-10_20241218			**1.1**
Phenol	SB-06_0-2_20241217	0.33	100	0.42

Notes:
mg/kg = milligrams per kilogram
Exceedances of RRSCOs are highlighted in bold font.

Metals

Twenty-three metals were detected in one or more of the soil samples analyzed. Nine metals were detected at concentrations above the UUSCOs and/or RRSCOs, as presented in the following table, Table B.

Table B
Metals in Soil above UUSCOs and RRSCOs

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Arsenic	SB-02_8-10_20241217	13	16	14.7
	SB-04_2-4_20241217			**30.5**
	SB-04_8-10_20241217			**125**
	SB-06_0-2_20241217			**20**
	SB-07_0-2_20241217			**47.5**
Barium	SB-01_8-10_20241217	350	400	369
	SB-02_8-10_20241217			**464**
	SB-04_2-4_20241217			**419**
	SB-05_0-2_20241217			**467**
	SB-05_2-4_20241217			**586**
	SB-06_0-2_20241217			**572**
	SB-06_2-4_20241217			**513**
	SB-08_0-2_20241218			**772**
	SB-09_2-4_20241218			**1,060**
	SB-09_8-10_20241218			**754**
	SB-11_2-4_20241218			393
	SB-12_0-2_20241218			**577**
	SB-12_2-4_20241218			**790**
	SB-12_8-10_20241218			**1,010**
Cadmium	SB-04_2-4_20241217	2.5	4.3	**5**
	SB-04_8-10_20241217			**23.3**
	SB-06_0-2_20241217			4.1
	SB-12_2-4_20241218			3.4
Copper	SB-01_2-4_20241217	50	270	51.3
	SB-04_0-2_20241217			59
	SB-04_8-10_20241217			75.5
	SB-05_0-2_20241217			**1,010**
	SB-05_2-4_20241217			69
	SB-05_8-10_20241217			**3,810**
	SB-06_0-2_20241217			173
	SB-06_2-4_20241217			82.3
	SB-06_8-10_20241217			70.3
	SB-08_8-10_20241218			231
	SB-09_2-4_20241218			165
	SB-09_8-10_20241218			95.9
	SB-10_0-2_20241218			80.6
	SB-12_0-2_20241218			127
	SB-12_2-4_20241218			139
	SB-12_8-10_20241218			**847**
	SB-X1_2-4_20241218			52.1

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Lead	SB-02_0-2_20241217	63	400	128
	SB-02_2-4_20241217			189
	SB-02_8-10_20241217			**475**
	SB-03_0-2_20241218			304
	SB-03_2-4_20241218			292
	SB-03_8-10_20241218			197
	SB-04_0-2_20241217			**423**
	SB-04_2-4_20241217			**1,250**
	SB-04_8-10_20241217			**4,880**
	SB-05_0-2_20241217			396
	SB-05_2-4_20241217			305
	SB-05_8-10_20241217			**69,600**
	SB-06_0-2_20241217			**1,160**
	SB-06_2-4_20241217			**683**
	SB-06_8-10_20241217			**421**
	SB-07_2-4_20241217			73
	SB-07_8-10_20241217			255
	SB-08_0-2_20241218			**597**
	SB-08_8-10_20241218			226
	SB-09_0-2_20241218			140
	SB-09_2-4_20241218			**496**
	SB-09_8-10_20241218			**706**
	SB-10_8-10_20241218			**1,550**
	SB-11_2-4_20241218			213
	SB-12_0-2_20241218			**445**
	SB-12_2-4_20241218			**439**
	SB-12_8-10_20241218			**418**
	SB-X1_2-4_20241218			116
Mercury	SB-01_8-10_20241217	0.18	0.81	0.21
	SB-02_0-2_20241217			0.24
	SB-02_8-10_20241217			0.63
	SB-03_0-2_20241218			0.22
	SB-03_2-4_20241218			0.29
	SB-03_8-10_20241218			0.32
	SB-04_0-2_20241217			0.36
	SB-04_2-4_20241217			**0.94**
	SB-04_8-10_20241217			0.59
	SB-05_0-2_20241217			0.72
	SB-05_2-4_20241217			0.23
	SB-05_8-10_20241217			0.25
	SB-06_0-2_20241217			**1.5**
	SB-06_2-4_20241217			**112**
	SB-06_8-10_20241217			0.58
	SB-07_0-2_20241217			0.3
	SB-07_2-4_20241217			**2.6**
	SB-07_8-10_20241217			0.26
	SB-08_0-2_20241218			**1**
	SB-08_2-4_20241218			0.31
	SB-08_8-10_20241218			0.23
	SB-09_0-2_20241218			0.19
	SB-09_2-4_20241218			0.7
	SB-12_0-2_20241218			0.52
	SB-12_2-4_20241218			**1.2**
	SB-12_8-10_20241218			0.34

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Nickel	SB-04_2-4_20241217	30	310	36.3
	SB-04_8-10_20241217			57.8
	SB-05_0-2_20241217			39.1
	SB-05_2-4_20241217			35.7
	SB-05_8-10_20241217			48.6
	SB-06_0-2_20241217			42
	SB-07_0-2_20241217			79.6
	SB-09_2-4_20241218			51.8
	SB-09_8-10_20241218			30.1
	SB-11_0-2_20241218			38
	SB-12_2-4_20241218			68.7
	SB-12_8-10_20241218			42.4
Silver	SB-05_2-4_20241217	2	180	4.2
	SB-05_8-10_20241217			2.9
	SB-09_8-10_20241218			2.2
	SB-12_8-10_20241218			2.1
Zinc	SB-02_8-10_20241217	109	10,000	619
	SB-03_0-2_20241218			164
	SB-03_2-4_20241218			244
	SB-03_8-10_20241218			270
	SB-04_0-2_20241217			261
	SB-04_2-4_20241217			211
	SB-04_8-10_20241217			234
	SB-05_0-2_20241217			433
	SB-05_2-4_20241217			395
	SB-05_8-10_20241217			1,540
	SB-06_0-2_20241217			670
	SB-06_2-4_20241217			455
	SB-06_8-10_20241217			355
	SB-07_8-10_20241217			192
	SB-08_0-2_20241218			1,010
	SB-08_2-4_20241218			138
	SB-08_8-10_20241218			282
	SB-09_0-2_20241218			1,730
	SB-09_2-4_20241218			1,290
	SB-09_8-10_20241218			1,010
	SB-10_8-10_20241218			907
	SB-11_0-2_20241218			119
	SB-11_2-4_20241218			291
	SB-12_0-2_20241218			432
	SB-12_2-4_20241218			673
	SB-12_8-10_20241218			1,030
	SB-X1_2-4_20241218			187

Notes:
mg/kg = milligrams per kilogram
SB-X1_2-4_20241218 is a blind duplicate of sample SB-09_2-4_20241218
Exceedances of RRSCOs are highlighted in bold font.

TCLP Metals

Due to the elevated total concentrations of lead (max. 69,600 mg/kg), mercury (max. 112 mg/kg), arsenic (max. 125 mg/kg), and barium (max. 1,060 mg/kg) in up to nine samples [SB-04_2-4_20241217, SB-04_8-10_20241217, SB-05_8-10_20241217, SB-06_0-2_20241217, SB-06_2-4_20241217, SB-09_2-4_20241218, SB-09_8-10_20241218, SB-10_8-10_20241218, and SB-12_8-10_20241218], TCLP analysis was performed to identify leachable concentrations exceeding thresholds that would require management as regulated hazardous waste. One metal, lead, was detected at concentrations above its USEPA hazardous threshold, as presented in the following table, Table C.

Table C
TCLP Lead in Soil above USEPA Hazardous Threshold

Analyte	Sample Identification	Hazardous Waste Threshold (mg/L)	Concentration (mg/L)
TCLP Lead	SB-04_2-4_20241217	5	22.6
	SB-04_8-10_20241217		10.3
	SB-05_8-10_20241217		199
Notes: mg/kg = milligrams per kilogram			

Based on these result, management of regulated hazardous waste will be required.

PCBs and Pesticides

Two pesticides were detected in one or more of the soil samples analyzed. 4,4' – DDE and 4,4' – DDT were detected at concentrations above the UUSCOs, but below RRSCOs, as presented in the following Table D. No PCBs were detected above their reporting limits in the samples analyzed.

Table D
Pesticides in Soil above UUSCOs

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
P,P'-DDE	SB-06_8-10_20241217	0.0033	8.9	0.004 JHT
	SB-09_2-4_20241218			0.0081 HT
P,P'-DDT	SB-06_0-2_20241217	0.0033	7.9	0.0065 JHT
	SB-06_8-10_20241217			0.014 HT
	SB-09_2-4_20241218			0.0099 HT
	SB-09_8-10_20241218			0.0039 JHT
	SB-11_2-4_20241218			0.0053 JHT
	SB-11_8-10_20241218			0.0041 JHT
	SB-X1_2-4_20241218			0.0047 JHT

Notes:
mg/kg = milligrams per kilogram
J = The concentration given is an estimated value.
H = Sample result is estimated and biased high.
T = Indicates that a quality control parameter has exceeded laboratory limits.
SB-X1_2-4_20241218 is a blind duplicate of sample SB-09_2-4_20241218

PFAS

Eight PFAS compounds were detected in one or more of the soil samples analyzed. The compound Perfluorooctanesulfonic acid (PFOS) was detected at concentrations above its UUGV, as presented in the following table, Table E.

Table E
PFAS in Soil above UUGVs

Analyte	Sample Identification	UUGV (ppb)	RRGV (ppb)	Concentration (ppb)
PFOS	SB-09_0-2_20241218	0.88	44	0.97
	SB-09_2-4_20241218			0.92
	SB-09_8-10_20241218			1.31
	SB-11_8-10_20241218			1.02
Notes: ppb = parts per billion				

Groundwater

VOCs

Four VOCs, including PCE, TCE, cis-1,2-Dichloroethene (cis-1,2-DCE), and vinyl chloride, were detected in one sample (MW-01_20241227) at concentrations ranging from 0.68 to 1.3 micrograms per liter (µg/L), below their respective AWQSGVs. No other VOCs were detected above their reporting limits in any of the samples.

SVOCs

No SVOCs were detected above their reporting limits in the samples analyzed.

Metals

In the unfiltered (total) groundwater samples, there were exceedances of the AWQSGVs for iron, lead, manganese, copper, nickel, antimony, arsenic, chromium, mercury and sodium, whereas in the filtered (dissolved) samples, exceedances were limited to iron, manganese, and sodium, as presented in the following tables, Tables F and G.

Table F
Total Metals in Groundwater Above AWQSGVs

Analyte	Sample Identification	AWQSGV (µg/L)	Concentration (µg/L)
Antimony	MW-01_20241227	3	9.6
Arsenic	MW-01_20241227	25	303
Beryllium	MW-01_20241227	3	15.2
Chromium, Total	MW-01_20241227	50	122
Copper	MW-01_20241227	200	314
Iron	MW-01_20241227	300	71,900
	MW-02_20241227		1,920
	MW-03_20241227		1,660
	MW-0X_20241227		3,580
Lead	MW-01_20241227	25	473
	MW-02_20241227		61.3
	MW-0X_20241227		134
Magnesium	MW-01_20241227	35,000	35,500
Manganese	MW-01_20241227	300	999
Mercury	MW-01_20241227	0.7	1.2

Analyte	Sample Identification	AWQSGV (µg/L)	Concentration (µg/L)
Nickel	MW-01_20241227	100	121
Sodium	MW-01_20241227	20,000	73,000
	MW-02_20241227		43,300
	MW-03_20241227		29,100
	MW-0X_20241227		29,200
Thallium	MW-01_20241227	0.5	2.1
Notes: µg/L = micrograms per liter MW-0X_20241227 is a blind duplicate of sample MW-03_20241227			

Table G
Dissolved Metals in Groundwater Above AWQSGVs

Analyte	Sample Identification	AWQSGV (µg/L)	Concentration (µg/L)
Iron	MW-01_20241227	300	5,950
	MW-02_20241227		923
	MW-03_20241227		1,540
	MW-0X_20241227		1,520
Manganese	MW-01_20241227	300	706
Sodium	MW-01_20241227	20,000	75,700
	MW-02_20241227		40,200
	MW-03_20241227		28,000
	MW-0X_20241227		29,000
Notes: µg/L = micrograms per liter MW-0X_20241227 is a blind duplicate of sample MW-03_20241227			

The discrepancy between total and dissolved analysis indicates, as is typical, that the unfiltered samples included entrained particulate material. The exceedances in the filtered samples were likely indicative of natural conditions.

PCBs and Pesticides

No PCBs or pesticides were detected above their reporting limits in the samples analyzed.

PFAS

Ten PFAS compounds were detected in one or more of the groundwater samples analyzed. The compounds PFOS and perfluorooctanoic acid (PFOA) were detected at concentrations above their respective Human Health Criteria in both samples, as presented in the following table, Table H.

Table H
PFAS in Soil above UUGVs and RRGVs

Analyte	Groundwater Sample ID	Human Health Criteria (ng/L)	Concentration (ng/L)
PFOS	MW-03_20241227	2.7	9.95
	MW-0X_20241227		9.77
PFOA	MW-03_20241227	6.7	9.75
	MW-0X_20241227		9.63
Notes: ng/L = nanogram per liter MW-0X_20241227 is a blind duplicate of MW-03_20241227			

Soil Vapor

Forty VOCs were detected in one or more of the samples analyzed. Petroleum-related compounds including BTEX, cyclohexane, n-butane, n-hexane, n-heptane, n-propylbenzene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene were detected at concentrations up to 230 micrograms per cubic meter (µg/m^3) [n-heptane at SV-01_20241219]. Chlorinated solvent related compounds including PCE, TCE, cis-1,2-DCE, and methylene chloride were detected at concentrations up to 70 µg/m^3 [PCE at SV-01_20241219].

Conclusions

The December 2024 Subsurface Investigation identified soil concentrations above RRSCOs throughout the Site. The primary contaminants of concern in soil identified include PAHs and metals (i.e., lead, arsenic, barium and mercury) detected in soil, which appear to be associated with historical filling of a tidal creek previously located on the Site. The concentrations of PAHs and metals in soil appear to be distributed primarily across the northern, eastern, and southern portions of the Site, with the greatest concentrations of PAHs (up to 17 mg/kg) located in the southeastern corner, and the greatest concentrations of metals, specifically total lead at hazardous concentrations (up to 69,600 mg/kg), located in the northern portion of the Site (borings SB-04 and SB-05) between 2 and 10 feet bgs.

Please call me at (646) 388-9544 if you have any questions or comments.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Senior Vice President

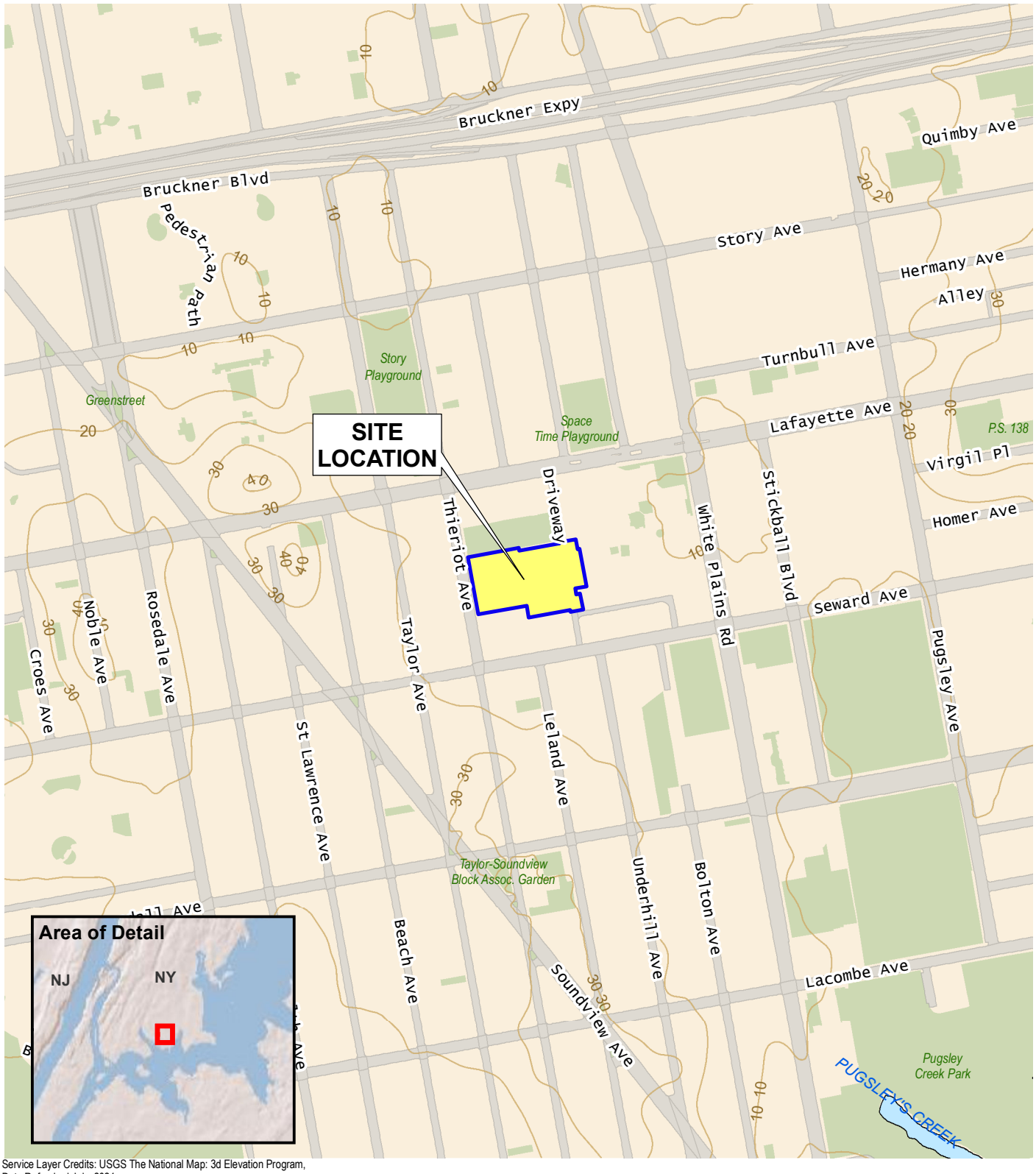
Tim Larigan
Technical Director

cc: A. Ramos – Camber Property Group
M. Bogin, J. Kung – Sive, Paget, and Riesel
M. Jepsen, C. Walters – AKRF

Attachments:

Figure 1– Site Location
Figure 2 – Sample Plan and Sample Locations

Table 1 – Soil Analytical Results of Volatile Organic Compounds (VOCs)
Table 2 – Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)
Table 3 – Soil Analytical Results of Metals
Table 4 – Soil Analytical Results of Polychlorinated Biphenyls (PCBs)
Table 5 – Soil Analytical Results of Pesticides
Table 6 – Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)
Table 7 – Soil Analytical Results of Toxicity Characteristic Leaching Procedure (TCLP) Metals
Table 8 – Groundwater Analytical Results of VOCs
Table 9 – Groundwater Analytical Results of SVOCs
Table 10 – Groundwater Analytical Results of Total Metals
Table 11 – Groundwater Analytical Results of Dissolved Metals
Table 12 – Groundwater Analytical Results of Polychlorinated Biphenyls (PCBs)
Table 13 – Groundwater Analytical Results of Pesticides
Table 14 – Groundwater Analytical Results of PFAS
Table 15 – Soil Vapor Analytical Results of VOCs



Service Layer Credits: USGS The National Map: 3d Elevation Program, Data Refreshed July, 2021

0 600 1,200

SCALE IN FEET

N

akrf

440 Park Avenue South, New York, NY 10016

Stevenson Commons B3

Bronx, New York

SITE LOCATION

DATE **1/22/2025**

PROJECT NO. **240663**

FIGURE **1**

©2025 AKRF Q:\Projects\240663 - STEVENSON COMMONS B3\Technical\GIS and Graphics\SAR\240663 Fig 1 Site Location.mxd 1/22/2025 10:20:22 AM mvelleux

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

LEGEND

- PROJECT SITE BOUNDARY
- 3600 BLOCK NUMBER
- 15 LOT BOUNDARY AND TAX LOT NUMBER
- BUILDING
- MONITORING WELL/SOIL VAPOR POINT/SOIL BORING LOCATION
- SOIL BORING LOCATION

N

0 80 160

SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

Stevenson Commons B3
Bronx, New York

SITE PLAN AND SAMPLE LOCATIONS

DATE
1/22/2025

PROJECT NO.
240663

FIGURE
2

©2025 AKRF Q:\Projects\240663 - STEVENSON COMMONS B3\Technical\GIS and Graphics\SAR\240663 Fig 2 Site Plan and Sample Locations.mxd 1/22/2025 9:42:52 AM mvelleux

Table 1
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	SB-01_0-2_20241217	SB-01_2-4_20241217	SB-01_8-10_20241217	SB-02_0-2_20241217	SB-02_2-4_20241217
		Laboratory Sample ID	460-317499-1	460-317499-2	460-317499-3	460-317499-4	460-317499-5
		Date Sampled	12/17/2024	12/17/2024	12/17/2024	12/17/2024	12/17/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
2-Hexanone	NS	NS	0.0057 U	0.005 U	0.005 U	0.0056 U	0.0053 U
Acetone	0.05	100	0.0068 U	0.006 U	0.01	0.0068 U	0.0063 U
Benzene	0.06	4.8	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0012
Bromochloromethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Bromodichloromethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Bromoform	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Bromomethane	NS	NS	0.0023 U	0.002 U	0.002 U	0.0023 U	0.0021 U
Carbon Disulfide	NS	NS	0.0011 U	0.001 U	0.00036 J	0.0011 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Chlorobenzene	1.1	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Chloroethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Chloroform	0.37	49	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Chloromethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Cyclohexane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Dibromochloromethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Dichlorodifluoromethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Ethylbenzene	1	41	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
M,P-Xylenes	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Methyl Acetate	NS	NS	0.0057 U	0.005 U	0.005 U	0.0056 U	0.0053 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0057 U	0.005 U	0.005 U	0.0056 U	0.0053 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0057 U	0.005 U	0.005 U	0.0056 U	0.0053 U
Methylcyclohexane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Methylene Chloride	0.05	100	0.0023 U	0.002 U	0.002 U	0.0023 U	0.0023
N-Butylbenzene	12	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
N-Propylbenzene	3.9	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Sec-Butylbenzene	11	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Styrene	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
T-Butylbenzene	5.9	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Tert-Butyl Methyl Ether	0.93	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Toluene	0.7	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0003 J
Trans-1,2-Dichloroethene	0.19	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Xylenes, Total	0.26	100	0.0023 U	0.002 U	0.002 U	0.0023 U	0.0021 U

Table 1
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	SB-02_8-10_20241217	SB-03_0-2_20241218	SB-03_2-4_20241218	SB-03_8-10_20241218	SB-04_0-2_20241217
		Laboratory Sample ID	460-317499-6	460-317606-20	460-317606-21	460-317606-22	460-317499-7
		Date Sampled	12/17/2024	12/18/2024	12/18/2024	12/18/2024	12/17/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,1,2-Trichloroethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,1-Dichloroethane	0.27	26	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,1-Dichloroethene	0.33	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,2,4-Trimethylbenzene	3.6	52	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,2-Dichlorobenzene	1.1	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,2-Dichloroethane	0.02	3.1	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,2-Dichloropropane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,3-Dichlorobenzene	2.4	49	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,4-Dichlorobenzene	1.8	13	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
2-Hexanone	NS	NS	0.0042 U	0.0048 U	0.0063 U	0.005 U	0.0052 U
Acetone	0.05	100	0.005 U	0.0057 U	0.0075 U	0.006 U	0.0062 U
Benzene	0.06	4.8	0.00084 U	0.00095 U	0.0013 U	0.00055 J	0.001 U
Bromochloromethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Bromodichloromethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Bromoform	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Bromomethane	NS	NS	0.0017 U	0.0019 U	0.0025 U	0.002 U	0.0021 U
Carbon Disulfide	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Carbon Tetrachloride	0.76	2.4	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Chlorobenzene	1.1	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Chloroethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Chloroform	0.37	49	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Chloromethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Cis-1,2-Dichloroethylene	0.25	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Cis-1,3-Dichloropropene	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Cyclohexane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Dibromochloromethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Dichlorodifluoromethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Ethylbenzene	1	41	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Isopropylbenzene (Cumene)	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
M,P-Xylenes	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Methyl Acetate	NS	NS	0.0042 U	0.0048 U	0.0063 U	0.005 U	0.0052 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0042 U	0.0048 U	0.0063 U	0.005 U	0.0052 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0042 U	0.0048 U	0.0063 U	0.005 U	0.0052 U
Methylcyclohexane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Methylene Chloride	0.05	100	0.0017 U	0.0019 U	0.0025 U	0.002 U	0.0021 U
N-Butylbenzene	12	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
N-Propylbenzene	3.9	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Sec-Butylbenzene	11	100	0.00084 U	0.00095 UT	0.0013 UT	0.001 UT	0.001 UT
Styrene	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
T-Butylbenzene	5.9	100	0.00084 U	0.00095 UT	0.0013 UT	0.001 UT	0.001 UT
Tert-Butyl Methyl Ether	0.93	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Tetrachloroethylene (PCE)	1.3	19	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Toluene	0.7	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Trans-1,2-Dichloroethene	0.19	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Trans-1,3-Dichloropropene	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Trichloroethylene (TCE)	0.47	21	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Trichlorofluoromethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Vinyl Chloride	0.02	0.9	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Xylenes, Total	0.26	100	0.0017 U	0.0019 U	0.0025 U	0.002 U	0.0021 U

Table 1
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	SB-04_2-4_20241217	SB-04_8-10_20241217	SB-05_0-2_20241217	SB-05_2-4_20241217	SB-05_8-10_20241217
		Laboratory Sample ID	460-317499-8	460-317499-9	460-317499-10	460-317499-11	460-317499-12
		Date Sampled	12/17/2024	12/17/2024	12/17/2024	12/17/2024	12/17/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,1,2-Trichloroethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,1-Dichloroethane	0.27	26	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,1-Dichloroethene	0.33	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,2,3-Trichlorobenzene	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,2,4-Trichlorobenzene	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,2,4-Trimethylbenzene	3.6	52	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,2-Dichlorobenzene	1.1	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,2-Dichloroethane	0.02	3.1	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,2-Dichloropropane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,3-Dichlorobenzene	2.4	49	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,4-Dichlorobenzene	1.8	13	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
2-Hexanone	NS	NS	0.0047 U	0.0065 U	0.0051 U	0.005 U	0.0068 U
Acetone	0.05	100	0.0056 U	0.0078 U	0.0062 U	0.0061 U	0.0082 U
Benzene	0.06	4.8	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Bromochloromethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Bromodichloromethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Bromoform	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Bromomethane	NS	NS	0.0019 U	0.0026 U	0.0021 U	0.002 U	0.0027 U
Carbon Disulfide	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Carbon Tetrachloride	0.76	2.4	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Chlorobenzene	1.1	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Chloroethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Chloroform	0.37	49	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Chloromethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Cis-1,2-Dichloroethylene	0.25	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Cis-1,3-Dichloropropene	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Cyclohexane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Dibromochloromethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Dichlorodifluoromethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Ethylbenzene	1	41	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Isopropylbenzene (Cumene)	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
M,P-Xylenes	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Methyl Acetate	NS	NS	0.0047 U	0.0065 U	0.0051 U	0.005 U	0.0068 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0047 U	0.0065 U	0.0051 U	0.005 U	0.0068 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0047 U	0.0065 U	0.0051 U	0.005 U	0.0068 U
Methylcyclohexane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Methylene Chloride	0.05	100	0.0019 U	0.0026 U	0.0021 U	0.002 U	0.0027 U
N-Butylbenzene	12	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
N-Propylbenzene	3.9	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Sec-Butylbenzene	11	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Styrene	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
T-Butylbenzene	5.9	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Tert-Butyl Methyl Ether	0.93	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Tetrachloroethylene (PCE)	1.3	19	0.00094 U	0.00055 J	0.001 U	0.001 U	0.0014 U
Toluene	0.7	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Trans-1,2-Dichloroethene	0.19	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Trans-1,3-Dichloropropene	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Trichloroethylene (TCE)	0.47	21	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Trichlorofluoromethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Vinyl Chloride	0.02	0.9	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Xylenes, Total	0.26	100	0.0019 U	0.0026 U	0.0021 U	0.002 U	0.0027 U

Table 1
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	SB-06_0-2_20241217	SB-06_2-4_20241217	SB-06_8-10_20241217	SB-07_0-2_20241217	SB-07_2-4_20241217
		Laboratory Sample ID	460-317499-13	460-317499-14	460-317499-15	460-317499-16	460-317499-17
		Date Sampled	12/17/2024	12/17/2024	12/17/2024	12/17/2024	12/17/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,1,2-Trichloroethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,1-Dichloroethane	0.27	26	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,1-Dichloroethene	0.33	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,2,4-Trichlorobenzene	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,2,4-Trimethylbenzene	3.6	52	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,2-Dichlorobenzene	1.1	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,2-Dichloroethane	0.02	3.1	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,3-Dichlorobenzene	2.4	49	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,4-Dichlorobenzene	1.8	13	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
2-Hexanone	NS	NS	0.0054 U	0.0062 U	0.0093 U	0.0075 U	0.0092 U
Acetone	0.05	100	0.0065 U	0.0075 U	0.011 U	0.0091 U	0.011 U
Benzene	0.06	4.8	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Bromochloromethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Bromodichloromethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Bromoform	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Bromomethane	NS	NS	0.0022 U	0.0025 U	0.0037 U	0.003 U	0.0037 U
Carbon Disulfide	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Carbon Tetrachloride	0.76	2.4	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Chlorobenzene	1.1	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Chloroethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Chloroform	0.37	49	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Chloromethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Cis-1,2-Dichloroethylene	0.25	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Cis-1,3-Dichloropropene	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Cyclohexane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Dibromochloromethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Dichlorodifluoromethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Ethylbenzene	1	41	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Isopropylbenzene (Cumene)	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
M,P-Xylenes	NS	NS	0.0011 U	0.0012 U	0.00061 J	0.0015 U	0.0018 U
Methyl Acetate	NS	NS	0.0054 U	0.0062 U	0.0093 U	0.0075 U	0.0092 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0054 U	0.0062 U	0.0093 U	0.0075 U	0.0092 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0054 U	0.0062 U	0.0093 U	0.0075 U	0.0092 U
Methylcyclohexane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Methylene Chloride	0.05	100	0.0022 U	0.0025 U	0.0037 U	0.003 U	0.0037 U
N-Butylbenzene	12	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
N-Propylbenzene	3.9	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0011 U	0.0012 U	0.00043 J	0.0015 U	0.0018 U
Sec-Butylbenzene	11	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Styrene	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
T-Butylbenzene	5.9	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Tert-Butyl Methyl Ether	0.93	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Tetrachloroethylene (PCE)	1.3	19	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Toluene	0.7	100	0.0011 U	0.0012 U	0.0013 J	0.0015 U	0.0018 U
Trans-1,2-Dichloroethene	0.19	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Trans-1,3-Dichloropropene	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Trichloroethylene (TCE)	0.47	21	0.0011 U	0.0012 U	0.0019 U	0.0014 J	0.0018 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Vinyl Chloride	0.02	0.9	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Xylenes, Total	0.26	100	0.0022 U	0.0025 U	0.001 J	0.003 U	0.0037 U

Table 1
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	SB-07_8-10_20241217	SB-08_0-2_20241218	SB-08_2-4_20241218	SB-08_8-10_20241218	SB-09_0-2_20241218
		Laboratory Sample ID	460-317499-18	460-317606-17	460-317606-18	460-317606-19	460-317606-4
		Date Sampled	12/17/2024	12/18/2024	12/18/2024	12/18/2024	12/18/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,2-Dichloropropane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
2-Hexanone	NS	NS	0.0048 U	0.0069 U	0.0045 U	0.0061 U	0.0053 U
Acetone	0.05	100	0.0058 U	0.0083 U	0.0054 U	0.0073 U	0.0064 U
Benzene	0.06	4.8	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Bromochloromethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Bromodichloromethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Bromoform	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Bromomethane	NS	NS	0.0019 U	0.0028 U	0.0018 U	0.0024 U	0.0021 U
Carbon Disulfide	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Chlorobenzene	1.1	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Chloroethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Chloroform	0.37	49	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Chloromethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Cyclohexane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Dibromochloromethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Dichlorodifluoromethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Ethylbenzene	1	41	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
M,P-Xylenes	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Methyl Acetate	NS	NS	0.0048 U	0.0069 U	0.0045 U	0.0061 U	0.0053 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0048 U	0.0069 U	0.0045 U	0.0061 U	0.0053 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0048 U	0.0069 U	0.0045 U	0.0061 U	0.0053 U
Methylcyclohexane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Methylene Chloride	0.05	100	0.0019 U	0.0028 U	0.0018 U	0.0024 U	0.0021 U
N-Butylbenzene	12	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
N-Propylbenzene	3.9	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Sec-Butylbenzene	11	100	0.00096 U	0.0014 UT	0.0009 UT	0.0012 UT	0.0011 UT
Styrene	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
T-Butylbenzene	5.9	100	0.00096 U	0.0014 UT	0.0009 UT	0.0012 UT	0.0011 UT
Tert-Butyl Methyl Ether	0.93	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	0.00096 U	0.00042 J	0.0009 U	0.0012 U	0.0011 U
Toluene	0.7	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Trichlorofluoromethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Xylenes, Total	0.26	100	0.0019 U	0.0028 U	0.0018 U	0.0024 U	0.0021 U

Table 1
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	SB-09_2-4_20241218	SB-X1_2-4_20241218	SB-09_8-10_20241218	SB-10_0-2_20241218	SB-10_2-4_20241218
		Laboratory Sample ID	460-317606-5	460-317606-3	460-317606-6	460-317606-13	460-317606-14
		Date Sampled	12/18/2024	12/18/2024	12/18/2024	12/18/2024	12/18/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,1,2-Trichloroethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,1-Dichloroethane	0.27	26	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,1-Dichloroethene	0.33	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,2,3-Trichlorobenzene	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,2,4-Trichlorobenzene	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,2,4-Trimethylbenzene	3.6	52	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,2-Dichlorobenzene	1.1	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,2-Dichloroethane	0.02	3.1	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,2-Dichloropropane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,3-Dichlorobenzene	2.4	49	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,4-Dichlorobenzene	1.8	13	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
2-Hexanone	NS	NS	0.0068 U	0.0069 U	0.007 U	0.0051 U	0.0049 U
Acetone	0.05	100	0.0081 U	0.0083 U	0.0085 U	0.0061 U	0.0058 U
Benzene	0.06	4.8	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Bromochloromethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Bromodichloromethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Bromoform	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Bromomethane	NS	NS	0.0027 U	0.0028 U	0.0028 U	0.002 U	0.0019 U
Carbon Disulfide	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Carbon Tetrachloride	0.76	2.4	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Chlorobenzene	1.1	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Chloroethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Chloroform	0.37	49	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Chloromethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Cis-1,2-Dichloroethylene	0.25	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Cis-1,3-Dichloropropene	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Cyclohexane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Dibromochloromethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Dichlorodifluoromethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Ethylbenzene	1	41	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Isopropylbenzene (Cumene)	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
M,P-Xylenes	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Methyl Acetate	NS	NS	0.0068 U	0.0069 U	0.007 U	0.0051 U	0.0049 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0068 U	0.0069 U	0.007 U	0.0051 U	0.0049 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0068 U	0.0069 U	0.007 U	0.0051 U	0.0049 U
Methylcyclohexane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Methylene Chloride	0.05	100	0.0027 U	0.0028 U	0.0028 U	0.002 U	0.0019 U
N-Butylbenzene	12	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
N-Propylbenzene	3.9	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Sec-Butylbenzene	11	100	0.0014 UT	0.0014 UT	0.0014 UT	0.001 UT	0.00097 UT
Styrene	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
T-Butylbenzene	5.9	100	0.0014 UT	0.0014 UT	0.0014 UT	0.001 UT	0.00097 UT
Tert-Butyl Methyl Ether	0.93	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Tetrachloroethylene (PCE)	1.3	19	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Toluene	0.7	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Trans-1,2-Dichloroethene	0.19	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Trans-1,3-Dichloropropene	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Trichloroethylene (TCE)	0.47	21	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Trichlorofluoromethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Vinyl Chloride	0.02	0.9	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Xylenes, Total	0.26	100	0.0027 U	0.0028 U	0.0028 U	0.002 U	0.0019 U

Table 1
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	SB-10_8-10_20241218	SB-11_0-2_20241218	SB-11_2-4_20241218	SB-X2_2-4_20241218	SB-11_8-10_20241218
		Laboratory Sample ID	460-317606-15	460-317606-10	460-317606-11	460-317606-16	460-317606-12
		Date Sampled	12/18/2024	12/18/2024	12/18/2024	12/18/2024	12/18/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,1,2,2-Tetrachloroethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,1,2-Trichloroethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,1-Dichloroethane	0.27	26	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,1-Dichloroethene	0.33	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,2,3-Trichlorobenzene	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,2,4-Trichlorobenzene	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,2,4-Trimethylbenzene	3.6	52	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,2-Dichlorobenzene	1.1	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,2-Dichloroethane	0.02	3.1	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,2-Dichloropropane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,3-Dichlorobenzene	2.4	49	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,4-Dichlorobenzene	1.8	13	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
2-Hexanone	NS	NS	0.005 U	0.0046 U	0.0054 U	0.0046 U	0.0047 U
Acetone	0.05	100	0.006 U	0.0055 U	0.0064 U	0.0055 U	0.0056 U
Benzene	0.06	4.8	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Bromochloromethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Bromodichloromethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Bromoform	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Bromomethane	NS	NS	0.002 U	0.0018 U	0.0021 U	0.0018 U	0.0019 U
Carbon Disulfide	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Carbon Tetrachloride	0.76	2.4	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Chlorobenzene	1.1	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Chloroethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Chloroform	0.37	49	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Chloromethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Cis-1,2-Dichloroethylene	0.25	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Cis-1,3-Dichloropropene	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Cyclohexane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Dibromochloromethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Dichlorodifluoromethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Ethylbenzene	1	41	0.001 U	0.0015	0.0011 U	0.00092 U	0.00094 U
Isopropylbenzene (Cumene)	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
M,P-Xylenes	NS	NS	0.001 U	0.0091	0.0011 U	0.00092 U	0.00094 U
Methyl Acetate	NS	NS	0.005 U	0.0046 U	0.0054 U	0.0046 U	0.0047 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.005 U	0.0046 U	0.0054 U	0.0046 U	0.0047 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.005 U	0.0046 U	0.0054 U	0.0046 U	0.0047 U
Methylcyclohexane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Methylene Chloride	0.05	100	0.002 U	0.0018 U	0.0021 U	0.0018 U	0.0019 U
N-Butylbenzene	12	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
N-Propylbenzene	3.9	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.001 U	0.0043	0.0011 U	0.00092 U	0.00094 U
Sec-Butylbenzene	11	100	0.001 UT	0.00092 UT	0.0011 UT	0.00092 UT	0.00094 UT
Styrene	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
T-Butylbenzene	5.9	100	0.001 UT	0.00092 UT	0.0011 UT	0.00092 UT	0.00094 UT
Tert-Butyl Methyl Ether	0.93	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Tetrachloroethylene (PCE)	1.3	19	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Toluene	0.7	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Trans-1,2-Dichloroethene	0.19	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Trans-1,3-Dichloropropene	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Trichloroethylene (TCE)	0.47	21	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Trichlorofluoromethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Vinyl Chloride	0.02	0.9	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Xylenes, Total	0.26	100	0.002 U	0.013	0.0021 U	0.0018 U	0.0019 U

Table 1
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	SB-12_0-2_20241218	SB-12_2-4_20241218	SB-12_8-10_20241218	TB-01_20241218	TB-02_20241218
		Laboratory Sample ID	460-317606-7	460-317606-8	460-317606-9	460-317606-2	460-317606-24
		Date Sampled	12/18/2024	12/18/2024	12/18/2024	12/18/2024	12/18/2024
		Unit	mg/kg	mg/kg	mg/kg	µg/L	µg/L
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,1-Dichloroethane	0.27	26	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,1-Dichloroethene	0.33	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,2,4-Trimethylbenzene	3.6	52	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 UT	1 UT
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,2-Dichloropropane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,3-Dichlorobenzene	2.4	49	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,4-Dichlorobenzene	1.8	13	0.001 U	0.0012 U	0.0012 U	1 U	1 U
2-Hexanone	NS	NS	0.0052 U	0.006 U	0.0058 U	5 U	5 U
Acetone	0.05	100	0.0063 U	0.0078	0.007 U	5 U	5 U
Benzene	0.06	4.8	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Bromochloromethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Bromodichloromethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Bromoform	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Bromomethane	NS	NS	0.0021 U	0.0024 U	0.0023 U	1 U	1 U
Carbon Disulfide	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Carbon Tetrachloride	0.76	2.4	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Chlorobenzene	1.1	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Chloroethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Chloroform	0.37	49	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Chloromethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Cyclohexane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Dibromochloromethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Dichlorodifluoromethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Ethylbenzene	1	41	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
M,P-Xylenes	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Methyl Acetate	NS	NS	0.0052 U	0.006 U	0.0058 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0052 U	0.006 U	0.0058 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0052 U	0.006 U	0.0058 U	5 U	5 U
Methylcyclohexane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Methylene Chloride	0.05	100	0.0021 U	0.0024 U	0.0023 U	1 U	1 U
N-Butylbenzene	12	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
N-Propylbenzene	3.9	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Sec-Butylbenzene	11	100	0.001 UT	0.0012 UT	0.0012 UT	1 U	1 U
Styrene	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
T-Butylbenzene	5.9	100	0.001 UT	0.0012 UT	0.0012 UT	1 U	1 U
Tert-Butyl Methyl Ether	0.93	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Toluene	0.7	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Trichloroethylene (TCE)	0.47	21	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Trichlorofluoromethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Vinyl Chloride	0.02	0.9	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Xylenes, Total	0.26	100	0.0021 U	0.0024 U	0.0023 U	2 U	2 U

Table 2
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	SB-01_0-2_20241217	SB-01_2-4_20241217	SB-01_8-10_20241217	SB-02_0-2_20241217	SB-02_2-4_20241217	SB-02_8-10_20241217
		Laboratory Sample ID	460-317499-1	460-317499-2	460-317499-3	460-317499-4	460-317499-5	460-317499-6
		Date Sampled	12/17/2024	12/17/2024	12/17/2024	12/17/2024	12/17/2024	12/17/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	NR	NR	NR	NR	NR
1,4-Dioxane (P-Dioxane)	0.1	13	NR	NR	NR	NR	NR	NR
2,3,4,6-Tetrachlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4,5-Trichlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4-Dichlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4-Dimethylphenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4-Dinitrophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	NS	NS	NR	NR	NR	NR	NR	NR
2,6-Dinitrotoluene	NS	NS	NR	NR	NR	NR	NR	NR
2-Chloronaphthalene	NS	NS	NR	NR	NR	NR	NR	NR
2-Chlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2-Methylnaphthalene	NS	NS	NR	NR	NR	NR	NR	NR
2-Methylphenol (O-Cresol)	0.33	100	NR	NR	NR	NR	NR	NR
2-Nitroaniline	NS	NS	NR	NR	NR	NR	NR	NR
2-Nitrophenol	NS	NS	NR	NR	NR	NR	NR	NR
3- And 4- Methylphenol (Total)	NS	NS	NR	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	NS	NS	NR	NR	NR	NR	NR	NR
3-Nitroaniline	NS	NS	NR	NR	NR	NR	NR	NR
4,6-Dinitro-2-Methylphenol	NS	NS	NR	NR	NR	NR	NR	NR
4-Bromophenyl Phenyl Ether	NS	NS	NR	NR	NR	NR	NR	NR
4-Chloro-3-Methylphenol	NS	NS	NR	NR	NR	NR	NR	NR
4-Chloroaniline	NS	NS	NR	NR	NR	NR	NR	NR
4-Chlorophenyl Phenyl Ether	NS	NS	NR	NR	NR	NR	NR	NR
4-Methylphenol (P-Cresol)	**0.33**	100	NR	NR	NR	NR	NR	NR
4-Nitroaniline	NS	NS	NR	NR	NR	NR	NR	NR
4-Nitrophenol	NS	NS	NR	NR	NR	NR	NR	NR
Acenaphthene	20	100	0.33 U	0.34 U	0.023 J	0.01 J	0.22 J	2.8
Acenaphthylene	100	100	0.33 U	0.34 U	0.38 U	0.34 U	0.011 J	0.46
Acetophenone	NS	NS	NR	NR	NR	NR	NR	NR
Anthracene	100	100	0.33 U	0.34 U	0.057 J	0.012 J	0.32 J	5.4
Atrazine	NS	NS	NR	NR	NR	NR	NR	NR
Benzaldehyde	NS	NS	NR	NR	NR	NR	NR	NR
Benzo(a)Anthracene	**1**	1	0.042	0.052	0.1	0.035	0.83	NR
Benzo(a)Pyrene	**1**	1	0.035	0.044	0.086	0.03 J	0.77	NR
Benzo(b)Fluoranthene	**1**	1	0.04	0.046	0.1	0.035	0.91	NR
Benzo(g,h,i)Perylene	100	100	0.02 J	0.024 J	0.048 J	0.021 J	0.44	6.2
Benzo(k)Fluoranthene	**0.8**	3.9	0.017 J	0.019 J	0.043	0.015 J	0.36	**5.2**
Benzyl Butyl Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Biphenyl (Diphenyl)	NS	NS	NR	NR	NR	NR	NR	NR
Bis(2-Chloroethoxy) Methane	NS	NS	NR	NR	NR	NR	NR	NR
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	NR	NR	NR	NR	NR
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	NR	NR	NR	NR	NR
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Caprolactam	NS	NS	NR	NR	NR	NR	NR	NR
Carbazole	NS	NS	NR	NR	NR	NR	NR	NR
Chrysene	**1**	3.9	0.034 J	0.046 J	0.094 J	0.032 J	0.79	NR
Dibenz(a,h)Anthracene	**0.33**	0.33	0.033 U	0.034 U	0.038 U	0.034 U	0.12	**1.6**
Dibenzofuran	7	59	NR	NR	NR	NR	NR	NR
Diethyl Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Dimethyl Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Di-N-Butyl Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Di-N-Octylphthalate	NS	NS	NR	NR	NR	NR	NR	NR
Fluoranthene	100	100	0.048 J	0.065 J	0.23 J	0.054 J	1.6	NR
Fluorene	30	100	0.33 U	0.34 U	0.027 J	0.34 U	0.14 J	3.4
Hexachlorobenzene	0.33	1.2	NR	NR	NR	NR	NR	NR
Hexachlorobutadiene	NS	NS	NR	NR	NR	NR	NR	NR
Hexachlorocyclopentadiene	NS	NS	NR	NR	NR	NR	NR	NR
Hexachloroethane	NS	NS	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.018 J	0.025 J	0.046	0.017 J	0.45	**6.5**
Isophorone	NS	NS	NR	NR	NR	NR	NR	NR
Naphthalene	12	100	0.33 U	0.0074 J	0.011 J	0.34 U	0.058 J	1.7
Nitrobenzene	NS	NS	NR	NR	NR	NR	NR	NR
N-Nitrosodi-N-Propylamine	NS	NS	NR	NR	NR	NR	NR	NR
N-Nitrosodiphenylamine	NS	NS	NR	NR	NR	NR	NR	NR
Pentachlorophenol	0.8	6.7	NR	NR	NR	NR	NR	NR
Phenanthrene	100	100	0.015 J	0.033 J	0.19 J	0.058 J	1.3	NR
Phenol	**0.33**	100	NR	NR	NR	NR	NR	NR
Pyrene	100	100	0.058 J	0.083 J	0.21 J	0.069 J	1.6	NR

Table 2
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	SB-02_8-10_20241217	SB-03_0-2_20241218	SB-03_2-4_20241218	SB-03_8-10_20241218	SB-04_0-2_20241217	SB-04_2-4_20241217
		Laboratory Sample ID	460-317499-6	460-317606-20	460-317606-21	460-317606-22	460-317499-7	460-317499-8
		Date Sampled	12/17/2024	12/18/2024	12/18/2024	12/18/2024	12/17/2024	12/17/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	10	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	NR	NR	NR	NR	NR
1,4-Dioxane (P-Dioxane)	0.1	13	NR	NR	NR	NR	NR	NR
2,3,4,6-Tetrachlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4,5-Trichlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4-Dichlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4-Dimethylphenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4-Dinitrophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	NS	NS	NR	NR	NR	NR	NR	NR
2,6-Dinitrotoluene	NS	NS	NR	NR	NR	NR	NR	NR
2-Chloronaphthalene	NS	NS	NR	NR	NR	NR	NR	NR
2-Chlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2-Methylnaphthalene	NS	NS	NR	NR	NR	NR	NR	NR
2-Methylphenol (O-Cresol)	0.33	100	NR	NR	NR	NR	NR	NR
2-Nitroaniline	NS	NS	NR	NR	NR	NR	NR	NR
2-Nitrophenol	NS	NS	NR	NR	NR	NR	NR	NR
3- And 4- Methylphenol (Total)	NS	NS	NR	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	NS	NS	NR	NR	NR	NR	NR	NR
3-Nitroaniline	NS	NS	NR	NR	NR	NR	NR	NR
4,6-Dinitro-2-Methylphenol	NS	NS	NR	NR	NR	NR	NR	NR
4-Bromophenyl Phenyl Ether	NS	NS	NR	NR	NR	NR	NR	NR
4-Chloro-3-Methylphenol	NS	NS	NR	NR	NR	NR	NR	NR
4-Chloroaniline	NS	NS	NR	NR	NR	NR	NR	NR
4-Chlorophenyl Phenyl Ether	NS	NS	NR	NR	NR	NR	NR	NR
4-Methylphenol (P-Cresol)	**0.33**	100	NR	NR	NR	NR	NR	NR
4-Nitroaniline	NS	NS	NR	NR	NR	NR	NR	NR
4-Nitrophenol	NS	NS	NR	NR	NR	NR	NR	NR
Acenaphthene	20	100	NR	0.36 U	0.38 U	0.36 U	0.34 J	0.14 J
Acenaphthylene	100	100	NR	0.36 U	0.019 J	0.36 U	0.093 J	0.016 J
Acetophenone	NS	NS	NR	NR	NR	NR	NR	NR
Anthracene	100	100	NR	0.36 U	0.025 J	0.018 J	0.85	0.27 J
Atrazine	NS	NS	NR	NR	NR	NR	NR	NR
Benzaldehyde	NS	NS	NR	NR	NR	NR	NR	NR
Benzo(a)Anthracene	**1**	1	**13**	0.033 J	0.13	0.077	**2.1**	0.49
Benzo(a)Pyrene	**1**	1	**12**	0.025 J	0.15	0.088	**2**	0.43
Benzo(b)Fluoranthene	**1**	1	**17**	0.027 J	0.2	0.11	**2.5**	0.55
Benzo(g,h,i)Perylene	100	100	NR	0.016 J	0.075 J	0.075 J	1.1	0.27 J
Benzo(k)Fluoranthene	**0.8**	3.9	NR	0.012 J	0.074	0.037	**0.96**	0.21
Benzyl Butyl Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Biphenyl (Diphenyl)	NS	NS	NR	NR	NR	NR	NR	NR
Bis(2-Chloroethoxy) Methane	NS	NS	NR	NR	NR	NR	NR	NR
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	NR	NR	NR	NR	NR
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	NR	NR	NR	NR	NR
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Caprolactam	NS	NS	NR	NR	NR	NR	NR	NR
Carbazole	NS	NS	NR	NR	NR	NR	NR	NR
Chrysene	**1**	3.9	**14**	0.022 J	0.14 J	0.071 J	**2**	0.48
Dibenz(a,h)Anthracene	**0.33**	0.33	NR	0.036 U	0.021 J	0.015 J	0.32	0.071
Dibenzofuran	7	59	NR	NR	NR	NR	NR	NR
Diethyl Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Dimethyl Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Di-N-Butyl Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Di-N-Octylphthalate	NS	NS	NR	NR	NR	NR	NR	NR
Fluoranthene	100	100	29	0.047 J	0.26 J	0.13 J	4	1.1
Fluorene	30	100	NR	0.36 U	0.38 U	0.36 U	0.3 J	0.13 J
Hexachlorobenzene	0.33	1.2	NR	NR	NR	NR	NR	NR
Hexachlorobutadiene	NS	NS	NR	NR	NR	NR	NR	NR
Hexachlorocyclopentadiene	NS	NS	NR	NR	NR	NR	NR	NR
Hexachloroethane	NS	NS	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	NR	0.014 J	0.076	0.061	**1.1**	0.27
Isophorone	NS	NS	NR	NR	NR	NR	NR	NR
Naphthalene	12	100	NR	0.36 U	0.011 J	0.0075 J	0.091 J	0.07 J
Nitrobenzene	NS	NS	NR	NR	NR	NR	NR	NR
N-Nitrosodi-N-Propylamine	NS	NS	NR	NR	NR	NR	NR	NR
N-Nitrosodiphenylamine	NS	NS	NR	NR	NR	NR	NR	NR
Pentachlorophenol	0.8	6.7	NR	NR	NR	NR	NR	NR
Phenanthrene	100	100	22	0.028 J	0.12 J	0.088 J	3.1	1.2
Phenol	**0.33**	100	NR	NR	NR	NR	NR	NR
Pyrene	100	100	23	0.047 J	0.23 J	0.13 J	3.7	1.1

Table 2
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	SB-04_8-10_20241217	SB-05_0-2_20241217	SB-05_2-4_20241217	SB-05_8-10_20241217	SB-06_0-2_20241217	SB-06_2-4_20241217
		Laboratory Sample ID	460-317499-9	460-317499-10	460-317499-11	460-317499-12	460-317499-13	460-317499-14
		Date Sampled	12/17/2024	12/17/2024	12/17/2024	12/17/2024	12/17/2024	12/17/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
1,4-Dioxane (P-Dioxane)	0.1	13	NR	NR	NR	NR	0.033 U	0.033 U
2,3,4,6-Tetrachlorophenol	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
2,4,5-Trichlorophenol	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
2,4,6-Trichlorophenol	NS	NS	NR	NR	NR	NR	0.13 U	0.13 U
2,4-Dichlorophenol	NS	NS	NR	NR	NR	NR	0.13 U	0.13 U
2,4-Dimethylphenol	NS	NS	NR	NR	NR	NR	0.85	0.04 J
2,4-Dinitrophenol	NS	NS	NR	NR	NR	NR	0.27 U	0.27 U
2,4-Dinitrotoluene	NS	NS	NR	NR	NR	NR	0.068 U	0.068 U
2,6-Dinitrotoluene	NS	NS	NR	NR	NR	NR	0.068 U	0.068 U
2-Chloronaphthalene	NS	NS	NR	NR	NR	NR	0.15 J	0.33 U
2-Chlorophenol	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
2-Methylnaphthalene	NS	NS	NR	NR	NR	NR	0.72	0.16 J
2-Methylphenol (O-Cresol)	0.33	100	NR	NR	NR	NR	0.32 J	0.33 U
2-Nitroaniline	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
2-Nitrophenol	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
3- And 4- Methylphenol (Total)	NS	NS	NR	NR	NR	NR	1.2	0.03 J
3,3'-Dichlorobenzidine	NS	NS	NR	NR	NR	NR	0.13 U	0.13 U
3-Nitroaniline	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
4,6-Dinitro-2-Methylphenol	NS	NS	NR	NR	NR	NR	0.27 U	0.27 U
4-Bromophenyl Phenyl Ether	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
4-Chloro-3-Methylphenol	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
4-Chloroaniline	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
4-Chlorophenyl Phenyl Ether	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
4-Methylphenol (P-Cresol)	**0.33**	100	NR	NR	NR	NR	**1.2**	0.03 J
4-Nitroaniline	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
4-Nitrophenol	NS	NS	NR	NR	NR	NR	0.68 U	0.68 U
Acenaphthene	20	100	0.071 J	0.51	0.14 J	0.11 J	0.36	0.25 J
Acenaphthylene	100	100	0.047 J	0.59	0.19 J	0.21 J	0.52	0.16 J
Acetophenone	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
Anthracene	100	100	0.17 J	1.7	0.78	0.25 J	1.2	0.62
Atrazine	NS	NS	NR	NR	NR	NR	0.13 U	0.13 U
Benzaldehyde	NS	NS	NR	NR	NR	NR	0.08 J	0.33 U
Benzo(a)Anthracene	**1**	1	0.52	**4**	**2.2**	0.51	**2.9**	**2.3**
Benzo(a)Pyrene	**1**	1	0.51	**4**	**1.9**	0.46	**2.8**	**2.4**
Benzo(b)Fluoranthene	**1**	1	0.63	**5.1**	**2.5**	0.63	**3.7**	**3**
Benzo(g,h,i)Perylene	100	100	0.33 J	2.4	1.1	0.31 J	1.5	1.3
Benzo(k)Fluoranthene	**0.8**	3.9	0.24	**1.8**	**1**	0.22	**1.3**	**1.2**
Benzyl Butyl Phthalate	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
Biphenyl (Diphenyl)	NS	NS	NR	NR	NR	NR	0.19 J	0.038 J
Bis(2-Chloroethoxy) Methane	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	NR	NR	NR	0.033 U	0.033 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	NR	NR	NR	0.33 U	0.13 J
Caprolactam	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
Carbazole	NS	NS	NR	NR	NR	NR	0.45	0.25 J
Chrysene	**1**	3.9	0.52	**4.1**	**2.2**	0.54	**2.7**	**2.3**
Dibenz(a,h)Anthracene	**0.33**	0.33	0.091	**0.65**	**0.34**	0.088	**0.46**	**0.4**
Dibenzofuran	7	59	NR	NR	NR	NR	0.24 J	0.16 J
Diethyl Phthalate	NS	NS	NR	NR	NR	NR	0.056 J	0.013 J
Dimethyl Phthalate	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
Di-N-Butyl Phthalate	NS	NS	NR	NR	NR	NR	0.33 U	0.095 J
Di-N-Octylphthalate	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
Fluoranthene	100	100	1.1	7.8	4.4	1.2	6.1	3.9
Fluorene	30	100	0.073 J	0.59	0.2 J	0.13 J	0.4	0.23 J
Hexachlorobenzene	0.33	1.2	NR	NR	NR	NR	0.033 U	0.033 U
Hexachlorobutadiene	NS	NS	NR	NR	NR	NR	0.068 U	0.068 U
Hexachlorocyclopentadiene	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
Hexachloroethane	NS	NS	NR	NR	NR	NR	0.033 U	0.033 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.33	**2.4**	**1.2**	0.31	**1.6**	**1.4**
Isophorone	NS	NS	NR	NR	NR	NR	0.13 U	0.13 U
Naphthalene	12	100	0.1 J	0.22 J	0.062 J	0.73	1.7	0.21 J
Nitrobenzene	NS	NS	NR	NR	NR	NR	0.033 U	0.033 U
N-Nitrosodi-N-Propylamine	NS	NS	NR	NR	NR	NR	0.033 U	0.033 U
N-Nitrosodiphenylamine	NS	NS	NR	NR	NR	NR	0.61	0.11 J
Pentachlorophenol	0.8	6.7	NR	NR	NR	NR	0.27 U	0.27 U
Phenanthrene	100	100	0.73	7.1	2.8	1.2	4.3	2.3
Phenol	**0.33**	100	NR	NR	NR	NR	**0.42**	0.33 U
Pyrene	100	100	1	7.4	3.8	1.1	5.2	4

Table 2
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	SB-06_8-10_20241217	SB-07_0-2_20241217	SB-07_2-4_20241217	SB-07_8-10_20241217	SB-08_0-2_20241218	SB-08_2-4_20241218
		Laboratory Sample ID	460-317499-15	460-317499-16	460-317499-17	460-317499-18	460-317606-17	460-317606-18
		Date Sampled	12/17/2024	12/17/2024	12/17/2024	12/17/2024	12/18/2024	12/18/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.35 U	NR	NR	NR	NR	NR
1,4-Dioxane (P-Dioxane)	0.1	13	0.035 U	NR	NR	NR	NR	NR
2,3,4,6-Tetrachlorophenol	NS	NS	0.35 U	NR	NR	NR	NR	NR
2,4,5-Trichlorophenol	NS	NS	0.35 U	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	NS	NS	0.14 U	NR	NR	NR	NR	NR
2,4-Dichlorophenol	NS	NS	0.14 U	NR	NR	NR	NR	NR
2,4-Dimethylphenol	NS	NS	0.35 U	NR	NR	NR	NR	NR
2,4-Dinitrophenol	NS	NS	0.28 U	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	NS	NS	0.071 U	NR	NR	NR	NR	NR
2,6-Dinitrotoluene	NS	NS	0.071 U	NR	NR	NR	NR	NR
2-Chloronaphthalene	NS	NS	0.35 U	NR	NR	NR	NR	NR
2-Chlorophenol	NS	NS	0.35 U	NR	NR	NR	NR	NR
2-Methylnaphthalene	NS	NS	0.1 J	NR	NR	NR	NR	NR
2-Methylphenol (O-Cresol)	0.33	100	0.35 U	NR	NR	NR	NR	NR
2-Nitroaniline	NS	NS	0.35 U	NR	NR	NR	NR	NR
2-Nitrophenol	NS	NS	0.35 U	NR	NR	NR	NR	NR
3- And 4- Methylphenol (Total)	NS	NS	0.35 U	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	NS	NS	0.14 U	NR	NR	NR	NR	NR
3-Nitroaniline	NS	NS	0.35 U	NR	NR	NR	NR	NR
4,6-Dinitro-2-Methylphenol	NS	NS	0.28 U	NR	NR	NR	NR	NR
4-Bromophenyl Phenyl Ether	NS	NS	0.35 U	NR	NR	NR	NR	NR
4-Chloro-3-Methylphenol	NS	NS	0.35 U	NR	NR	NR	NR	NR
4-Chloroaniline	NS	NS	0.35 U	NR	NR	NR	NR	NR
4-Chlorophenyl Phenyl Ether	NS	NS	0.35 U	NR	NR	NR	NR	NR
4-Methylphenol (P-Cresol)	**0.33**	100	0.35 U	NR	NR	NR	NR	NR
4-Nitroaniline	NS	NS	0.35 U	NR	NR	NR	NR	NR
4-Nitrophenol	NS	NS	0.71 U	NR	NR	NR	NR	NR
Acenaphthene	20	100	0.24 J	0.42 U	0.022 J	0.028 J	0.38 U	0.35 U
Acenaphthylene	100	100	0.082 J	0.42 U	0.059 J	0.011 J	0.38 U	0.35 U
Acetophenone	NS	NS	0.35 U	NR	NR	NR	NR	NR
Anthracene	100	100	0.57	0.42 U	0.093 J	0.048 J	0.017 J	0.35 U
Atrazine	NS	NS	0.14 U	NR	NR	NR	NR	NR
Benzaldehyde	NS	NS	0.35 U	NR	NR	NR	NR	NR
Benzo(a)Anthracene	**1**	1	**1.5**	0.042 U	0.36	0.19	0.072	0.035 U
Benzo(a)Pyrene	**1**	1	**1.5**	0.042 U	0.35	0.2	0.064	0.035 U
Benzo(b)Fluoranthene	**1**	1	**1.8**	0.042 U	0.42	0.24	0.078	0.035 U
Benzo(g,h,i)Perylene	100	100	0.89	0.42 U	0.24 J	0.14 J	0.028 J	0.35 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.74	0.042 U	0.15	0.089	0.029 J	0.035 U
Benzyl Butyl Phthalate	NS	NS	0.35 U	NR	NR	NR	NR	NR
Biphenyl (Diphenyl)	NS	NS	0.032 J	NR	NR	NR	NR	NR
Bis(2-Chloroethoxy) Methane	NS	NS	0.35 U	NR	NR	NR	NR	NR
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.035 U	NR	NR	NR	NR	NR
Bis(2-Chloroisopropyl) Ether	NS	NS	0.35 U	NR	NR	NR	NR	NR
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.072 J	NR	NR	NR	NR	NR
Caprolactam	NS	NS	0.35 U	NR	NR	NR	NR	NR
Carbazole	NS	NS	0.24 J	NR	NR	NR	NR	NR
Chrysene	**1**	3.9	**1.5**	0.42 U	0.37 J	0.19 J	0.069 J	0.35 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.27	0.042 U	0.057	0.031 J	0.038 U	0.035 U
Dibenzofuran	7	59	0.17 J	NR	NR	NR	NR	NR
Diethyl Phthalate	NS	NS	0.35 U	NR	NR	NR	NR	NR
Dimethyl Phthalate	NS	NS	0.35 U	NR	NR	NR	NR	NR
Di-N-Butyl Phthalate	NS	NS	0.19 J	NR	NR	NR	NR	NR
Di-N-Octylphthalate	NS	NS	0.35 U	NR	NR	NR	NR	NR
Fluoranthene	100	100	2.8	0.42 U	0.69	0.39	0.12 J	0.35 U
Fluorene	30	100	0.28 J	0.42 U	0.028 J	0.019 J	0.38 U	0.35 U
Hexachlorobenzene	0.33	1.2	0.035 U	NR	NR	NR	NR	NR
Hexachlorobutadiene	NS	NS	0.071 U	NR	NR	NR	NR	NR
Hexachlorocyclopentadiene	NS	NS	0.35 U	NR	NR	NR	NR	NR
Hexachloroethane	NS	NS	0.035 U	NR	NR	NR	NR	NR
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	**0.94**	0.042 U	0.23	0.13	0.028 J	0.035 U
Isophorone	NS	NS	0.14 U	NR	NR	NR	NR	NR
Naphthalene	12	100	0.21 J	0.056 J	0.083 J	0.0076 J	0.0092 J	0.018 J
Nitrobenzene	NS	NS	0.035 U	NR	NR	NR	NR	NR
N-Nitrosodi-N-Propylamine	NS	NS	0.035 U	NR	NR	NR	NR	NR
N-Nitrosodiphenylamine	NS	NS	0.35 U	NR	NR	NR	NR	NR
Pentachlorophenol	0.8	6.7	0.28 U	NR	NR	NR	NR	NR
Phenanthrene	100	100	2.2	0.02 J	0.5	0.25 J	0.079 J	0.35 U
Phenol	**0.33**	100	0.35 U	NR	NR	NR	NR	NR
Pyrene	100	100	2.9	0.012 J	0.72	0.37	0.1 J	0.35 U

Table 2
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	SB-08_8-10_20241218	SB-09_0-2_20241218	SB-09_2-4_20241218	SB-X1_2-4_20241218	SB-09_8-10_20241218	SB-10_0-2_20241218
		Laboratory Sample ID	460-317606-19	460-317606-4	460-317606-5	460-317606-3	460-317606-6	460-317606-13
		Date Sampled	12/18/2024	12/18/2024	12/18/2024	12/18/2024	12/18/2024	12/18/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.017 J	NR
1,4-Dioxane (P-Dioxane)	0.1	13	NR	0.039 U	0.039 U	0.039 U	0.046 U	NR
2,3,4,6-Tetrachlorophenol	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
2,4,5-Trichlorophenol	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
2,4,6-Trichlorophenol	NS	NS	NR	0.16 U	0.16 U	0.16 U	0.19 U	NR
2,4-Dichlorophenol	NS	NS	NR	0.16 U	0.16 U	0.16 U	0.19 U	NR
2,4-Dimethylphenol	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
2,4-Dinitrophenol	NS	NS	NR	0.31 U	0.31 U	0.31 U	0.37 U	NR
2,4-Dinitrotoluene	NS	NS	NR	0.078 U	0.079 U	0.079 U	0.094 U	NR
2,6-Dinitrotoluene	NS	NS	NR	0.078 U	0.079 U	0.079 U	0.094 U	NR
2-Chloronaphthalene	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
2-Chlorophenol	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
2-Methylnaphthalene	NS	NS	NR	0.39 U	0.39 U	0.012 J	0.017 J	NR
2-Methylphenol (O-Cresol)	0.33	100	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
2-Nitroaniline	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
2-Nitrophenol	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
3- And 4- Methylphenol (Total)	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
3,3'-Dichlorobenzidine	NS	NS	NR	0.16 U	0.16 U	0.16 U	0.19 U	NR
3-Nitroaniline	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
4,6-Dinitro-2-Methylphenol	NS	NS	NR	0.31 U	0.31 U	0.31 U	0.37 U	NR
4-Bromophenyl Phenyl Ether	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.02 J	NR
4-Chloro-3-Methylphenol	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
4-Chloroaniline	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
4-Chlorophenyl Phenyl Ether	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.017 J	NR
4-Methylphenol (P-Cresol)	**0.33**	100	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
4-Nitroaniline	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
4-Nitrophenol	NS	NS	NR	0.78 U	0.79 U	0.79 U	0.94 U	NR
Acenaphthene	20	100	0.38 U	0.39 U	0.39 U	0.033 J	0.02 J	0.4 U
Acenaphthylene	100	100	0.38 U	0.39 U	0.39 U	0.017 J	0.021 J	0.4 U
Acetophenone	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Anthracene	100	100	0.38 U	0.39 U	0.39 U	0.079 J	0.023 J	0.02 J
Atrazine	NS	NS	NR	0.16 U	0.16 U	0.16 U	0.19 U	NR
Benzaldehyde	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Benzo(a)Anthracene	**1**	1	0.038 U	0.039 U	0.039 U	0.29	0.049	0.063
Benzo(a)Pyrene	**1**	1	0.038 U	0.01 J	0.012 J	0.3	0.041 J	0.059
Benzo(b)Fluoranthene	**1**	1	0.038 U	0.013 J	0.016 J	0.35	0.046	0.065
Benzo(g,h,i)Perylene	100	100	0.38 U	0.39 U	0.024 J	0.23 J	0.034 J	0.027 J
Benzo(k)Fluoranthene	**0.8**	3.9	0.038 U	0.039 U	0.014 J	0.14	0.033 J	0.024 J
Benzyl Butyl Phthalate	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.022 J	NR
Biphenyl (Diphenyl)	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.018 J	NR
Bis(2-Chloroethoxy) Methane	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	0.039 U	0.039 U	0.039 U	0.018 J	NR
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Caprolactam	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Carbazole	NS	NS	NR	0.39 U	0.39 U	0.031 J	0.022 J	NR
Chrysene	**1**	3.9	0.38 U	0.39 U	0.39 U	0.28 J	0.041 J	0.056 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.038 U	0.039 U	0.039 U	0.056	0.023 J	0.04 U
Dibenzofuran	7	59	NR	0.39 U	0.39 U	0.015 J	0.019 J	NR
Diethyl Phthalate	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.02 J	NR
Dimethyl Phthalate	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Di-N-Butyl Phthalate	NS	NS	NR	0.39 U	0.39 U	0.024 J	0.031 J	NR
Di-N-Octylphthalate	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Fluoranthene	100	100	0.38 U	0.018 J	0.014 J	0.51	0.052 J	0.1 J
Fluorene	30	100	0.38 U	0.39 U	0.39 U	0.029 J	0.021 J	0.4 U
Hexachlorobenzene	0.33	1.2	NR	0.039 U	0.039 U	0.039 U	0.046 U	NR
Hexachlorobutadiene	NS	NS	NR	0.078 U	0.079 U	0.079 U	0.018 J	NR
Hexachlorocyclopentadiene	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Hexachloroethane	NS	NS	NR	0.039 U	0.039 U	0.039 U	0.046 U	NR
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.038 U	0.039 U	0.016 J	0.21	0.033 J	0.024 J
Isophorone	NS	NS	NR	0.16 U	0.16 U	0.16 U	0.19 U	NR
Naphthalene	12	100	0.38 U	0.011 J	0.39 U	0.021 J	0.022 J	0.011 J
Nitrobenzene	NS	NS	NR	0.039 U	0.039 U	0.039 U	0.046 U	NR
N-Nitrosodi-N-Propylamine	NS	NS	NR	0.039 U	0.039 U	0.039 U	0.046 U	NR
N-Nitrosodiphenylamine	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Pentachlorophenol	0.8	6.7	NR	0.31 U	0.31 U	0.31 U	0.37 U	NR
Phenanthrene	100	100	0.38 U	0.39 U	0.39 U	0.33 J	0.042 J	0.064 J
Phenol	**0.33**	100	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Pyrene	100	100	0.38 U	0.016 J	0.015 J	0.56	0.057 J	0.086 J

Table 2
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	SB-10_2-4_20241218	SB-10_8-10_20241218	SB-11_0-2_20241218	SB-11_2-4_20241218	SB-X2_2-4_20241218	SB-11_8-10_20241218
		Laboratory Sample ID	460-317606-14	460-317606-15	460-317606-10	460-317606-11	460-317606-16	460-317606-12
		Date Sampled	12/18/2024	12/18/2024	12/18/2024	12/18/2024	12/18/2024	12/18/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
1,4-Dioxane (P-Dioxane)	0.1	13	NR	NR	0.039 U	0.037 U	0.037 U	0.034 U
2,3,4,6-Tetrachlorophenol	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
2,4,5-Trichlorophenol	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
2,4,6-Trichlorophenol	NS	NS	NR	NR	0.16 U	0.15 U	0.15 U	0.14 U
2,4-Dichlorophenol	NS	NS	NR	NR	0.16 U	0.15 U	0.15 U	0.14 U
2,4-Dimethylphenol	NS	NS	NR	NR	0.39 U	0.37 U	0.37 UT	0.34 UT
2,4-Dinitrophenol	NS	NS	NR	NR	0.31 U	0.3 U	0.3 U	0.27 U
2,4-Dinitrotoluene	NS	NS	NR	NR	0.079 U	0.075 U	0.074 U	0.069 U
2,6-Dinitrotoluene	NS	NS	NR	NR	0.079 U	0.075 U	0.074 U	0.069 U
2-Chloronaphthalene	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
2-Chlorophenol	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
2-Methylnaphthalene	NS	NS	NR	NR	0.022 J	0.37 U	0.37 U	0.34 U
2-Methylphenol (O-Cresol)	0.33	100	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
2-Nitroaniline	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
2-Nitrophenol	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
3- And 4- Methylphenol (Total)	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
3,3'-Dichlorobenzidine	NS	NS	NR	NR	0.16 U	0.15 U	0.15 UT	0.14 UT
3-Nitroaniline	NS	NS	NR	NR	0.39 U	0.37 U	0.37 UT	0.34 UT
4,6-Dinitro-2-Methylphenol	NS	NS	NR	NR	0.31 U	0.3 U	0.3 U	0.27 U
4-Bromophenyl Phenyl Ether	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
4-Chloro-3-Methylphenol	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
4-Chloroaniline	NS	NS	NR	NR	0.39 U	0.37 U	0.37 UT	0.34 UT
4-Chlorophenyl Phenyl Ether	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
4-Methylphenol (P-Cresol)	**0.33**	100	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
4-Nitroaniline	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
4-Nitrophenol	NS	NS	NR	NR	0.79 U	0.75 U	0.74 U	0.69 U
Acenaphthene	20	100	0.35 U	0.015 J	0.074 J	0.37 U	0.37 U	0.34 U
Acenaphthylene	100	100	0.35 U	0.011 J	0.1 J	0.37 U	0.37 U	0.0099 J
Acetophenone	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Anthracene	100	100	0.35 U	0.04 J	0.21 J	0.37 U	0.37 U	0.022 J
Atrazine	NS	NS	NR	NR	0.16 U	0.15 U	0.15 UT	0.14 UT
Benzaldehyde	NS	NS	NR	NR	0.39 U	0.37 U	0.37 UT	0.34 UT
Benzo(a)Anthracene	**1**	1	0.035 U	0.12	0.83	0.037 U	0.037 U	0.091
Benzo(a)Pyrene	**1**	1	0.014 J	0.12	0.83	0.017 J	0.037 U	0.093
Benzo(b)Fluoranthene	**1**	1	0.019 J	0.13	**1.1**	0.02 J	0.0095 J	0.11
Benzo(g,h,i)Perylene	100	100	0.35 U	0.054 J	0.44	0.012 J	0.37 U	0.065 J
Benzo(k)Fluoranthene	**0.8**	3.9	0.035 U	0.053	0.41	0.0088 J	0.037 U	0.046
Benzyl Butyl Phthalate	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Biphenyl (Diphenyl)	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Bis(2-Chloroethoxy) Methane	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	NR	0.039 U	0.037 U	0.037 U	0.034 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	NR	0.049 J	0.37 U	0.37 U	0.34 U
Caprolactam	NS	NS	NR	NR	0.39 U	0.37 U	0.37 UT	0.34 UT
Carbazole	NS	NS	NR	NR	0.092 J	0.37 U	0.37 U	0.34 U
Chrysene	**1**	3.9	0.35 U	0.11 J	0.81	0.016 J	0.37 U	0.091 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.035 U	0.037 U	0.13	0.037 U	0.037 U	0.018 J
Dibenzofuran	7	59	NR	NR	0.028 J	0.37 U	0.37 U	0.34 U
Diethyl Phthalate	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Dimethyl Phthalate	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Di-N-Butyl Phthalate	NS	NS	NR	NR	0.056 J	0.37 U	0.37 U	0.013 J
Di-N-Octylphthalate	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Fluoranthene	100	100	0.023 J	0.22 J	1.6	0.032 J	0.37 U	0.16 J
Fluorene	30	100	0.35 U	0.013 J	0.064 J	0.37 U	0.37 U	0.34 U
Hexachlorobenzene	0.33	1.2	NR	NR	0.039 U	0.037 U	0.037 U	0.034 U
Hexachlorobutadiene	NS	NS	NR	NR	0.079 U	0.075 U	0.074 U	0.069 U
Hexachlorocyclopentadiene	NS	NS	NR	NR	0.39 U	0.37 U	0.37 UT	0.34 UT
Hexachloroethane	NS	NS	NR	NR	0.039 U	0.037 U	0.037 U	0.034 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.035 U	0.056	0.46	0.037 U	0.037 U	0.062
Isophorone	NS	NS	NR	NR	0.16 U	0.15 U	0.15 U	0.14 U
Naphthalene	12	100	0.35 U	0.01 J	0.04 J	0.37 U	0.37 U	0.34 U
Nitrobenzene	NS	NS	NR	NR	0.039 U	0.037 U	0.037 U	0.034 U
N-Nitrosodi-N-Propylamine	NS	NS	NR	NR	0.039 U	0.037 U	0.037 U	0.034 U
N-Nitrosodiphenylamine	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Pentachlorophenol	0.8	6.7	NR	NR	0.31 U	0.3 U	0.3 U	0.27 U
Phenanthrene	100	100	0.35 U	0.15 J	0.82	0.024 J	0.37 U	0.083 J
Phenol	**0.33**	100	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Pyrene	100	100	0.023 J	0.2 J	1.4	0.032 J	0.012 J	0.15 J

Table 2
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	SB-12_0-2_20241218	SB-12_2-4_20241218	SB-12_8-10_20241218
		Laboratory Sample ID	460-317606-7	460-317606-8	460-317606-9
		Date Sampled	12/18/2024	12/18/2024	12/18/2024
		Unit	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	NR	NR
1,4-Dioxane (P-Dioxane)	0.1	13	NR	NR	NR
2,3,4,6-Tetrachlorophenol	NS	NS	NR	NR	NR
2,4,5-Trichlorophenol	NS	NS	NR	NR	NR
2,4,6-Trichlorophenol	NS	NS	NR	NR	NR
2,4-Dichlorophenol	NS	NS	NR	NR	NR
2,4-Dimethylphenol	NS	NS	NR	NR	NR
2,4-Dinitrophenol	NS	NS	NR	NR	NR
2,4-Dinitrotoluene	NS	NS	NR	NR	NR
2,6-Dinitrotoluene	NS	NS	NR	NR	NR
2-Chloronaphthalene	NS	NS	NR	NR	NR
2-Chlorophenol	NS	NS	NR	NR	NR
2-Methylnaphthalene	NS	NS	NR	NR	NR
2-Methylphenol (O-Cresol)	0.33	100	NR	NR	NR
2-Nitroaniline	NS	NS	NR	NR	NR
2-Nitrophenol	NS	NS	NR	NR	NR
3- And 4- Methylphenol (Total)	NS	NS	NR	NR	NR
3,3'-Dichlorobenzidine	NS	NS	NR	NR	NR
3-Nitroaniline	NS	NS	NR	NR	NR
4,6-Dinitro-2-Methylphenol	NS	NS	NR	NR	NR
4-Bromophenyl Phenyl Ether	NS	NS	NR	NR	NR
4-Chloro-3-Methylphenol	NS	NS	NR	NR	NR
4-Chloroaniline	NS	NS	NR	NR	NR
4-Chlorophenyl Phenyl Ether	NS	NS	NR	NR	NR
4-Methylphenol (P-Cresol)	**0.33**	100	NR	NR	NR
4-Nitroaniline	NS	NS	NR	NR	NR
4-Nitrophenol	NS	NS	NR	NR	NR
Acenaphthene	20	100	0.22 J	0.39	0.38
Acenaphthylene	100	100	0.037 J	0.074 J	0.16 J
Acetophenone	NS	NS	NR	NR	NR
Anthracene	100	100	0.54	0.84	0.95
Atrazine	NS	NS	NR	NR	NR
Benzaldehyde	NS	NS	NR	NR	NR
Benzo(a)Anthracene	**1**	1	**1.3**	**2.3**	**2.4**
Benzo(a)Pyrene	**1**	1	**1.2**	**2.3**	**2.3**
Benzo(b)Fluoranthene	**1**	1	**1.5**	**3**	**2.9**
Benzo(g,h,i)Perylene	100	100	0.54	1	1
Benzo(k)Fluoranthene	**0.8**	3.9	0.61	**1.1**	**1.1**
Benzyl Butyl Phthalate	NS	NS	NR	NR	NR
Biphenyl (Diphenyl)	NS	NS	NR	NR	NR
Bis(2-Chloroethoxy) Methane	NS	NS	NR	NR	NR
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	NR	NR
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	NR	NR
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	NR	NR
Caprolactam	NS	NS	NR	NR	NR
Carbazole	NS	NS	NR	NR	NR
Chrysene	**1**	3.9	**1.2**	**2.4**	**2.4**
Dibenz(a,h)Anthracene	**0.33**	0.33	0.17	0.28	0.28
Dibenzofuran	7	59	NR	NR	NR
Diethyl Phthalate	NS	NS	NR	NR	NR
Dimethyl Phthalate	NS	NS	NR	NR	NR
Di-N-Butyl Phthalate	NS	NS	NR	NR	NR
Di-N-Octylphthalate	NS	NS	NR	NR	NR
Fluoranthene	100	100	2.7	5.2	4.9
Fluorene	30	100	0.21 J	0.33 J	0.38
Hexachlorobenzene	0.33	1.2	NR	NR	NR
Hexachlorobutadiene	NS	NS	NR	NR	NR
Hexachlorocyclopentadiene	NS	NS	NR	NR	NR
Hexachloroethane	NS	NS	NR	NR	NR
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	**0.6**	**1.1**	**1.1**
Isophorone	NS	NS	NR	NR	NR
Naphthalene	12	100	0.13 J	0.2 J	0.19 J
Nitrobenzene	NS	NS	NR	NR	NR
N-Nitrosodi-N-Propylamine	NS	NS	NR	NR	NR
N-Nitrosodiphenylamine	NS	NS	NR	NR	NR
Pentachlorophenol	0.8	6.7	NR	NR	NR
Phenanthrene	100	100	1.9	4.1	4.2
Phenol	**0.33**	100	NR	NR	NR
Pyrene	100	100	2.2	4.6	4.6

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		AKRF Sample ID	SB-01_0-2_20241217	SB-01_2-4_20241217	SB-01_8-10_20241217	SB-02_0-2_20241217	SB-02_2-4_20241217
		Laboratory Sample ID	460-317499-1	460-317499-2	460-317499-3	460-317499-4	460-317499-5
		Date Sampled	12/17/2024	12/17/2024	12/17/2024	12/17/2024	12/17/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	13,700	13,000	26,000	9,950	7,110
Antimony	NS	NS	0.92 U	0.96 U	1 U	0.87 U	0.14 J
Arsenic	**13**	16	0.54 J	0.43 J	0.64 J	3.4	3.3
Barium	**350**	400	190	180	**369**	126	102
Beryllium	7.2	72	0.38	0.35 J	0.6	0.28 J	0.24 J
Cadmium	**2.5**	4.3	0.92 U	0.96 U	1 U	0.19 J	0.36 J
Calcium	NS	NS	2,190	1,650	5,930	15,200	23,000
Chromium, Hexavalent	1	110	NR	NR	NR	NR	NR
Chromium, Total	NS	NS	24	24	22.1	22.1	20.6
Cobalt	NS	NS	12.8	12.4	19.2	7.3	6.4
Copper	**50**	270	39.6	**51.3**	32.9	31.3	32.6
Iron	NS	NS	23,700	22,800	36,400	15,000	17,800
Lead	**63**	400	16	8	8.5	**128**	**189**
Magnesium	NS	NS	6,100	5,890	11,300	4,190	3,810
Manganese	1,600	2,000	329	301	448	234	205
Mercury	**0.18**	0.81	0.021	0.02	**0.21**	**0.24**	0.17
Nickel	**30**	310	23	22.9	29.6	15.4	24.8
Potassium	NS	NS	8,590	8,210	14,900	2,280	2,690
Selenium	3.9	180	1.2 U	1.2 U	1.3 U	0.2 J	0.3 J
Silver	**2**	180	0.37 U	0.38 U	0.41 U	0.086 J	0.091 J
Sodium	NS	NS	150	130	460	302	172
Thallium	NS	NS	0.33 J	0.34 J	0.62	0.15 J	0.15 J
Vanadium	NS	NS	35.9	34.7	94.9	32	32.9
Zinc	**109**	10,000	58.6	57.6	85.3	108	97

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		AKRF Sample ID	SB-02_8-10_20241217	SB-03_0-2_20241218	SB-03_2-4_20241218	SB-03_8-10_20241218	SB-04_0-2_20241217
		Laboratory Sample ID	460-317499-6	460-317606-20	460-317606-21	460-317606-22	460-317499-7
		Date Sampled	12/17/2024	12/18/2024	12/18/2024	12/18/2024	12/17/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	4,940	7,370	6,330	7,050	6,970
Antimony	NS	NS	0.86 J	0.15 J	0.48 J	0.3 J	0.75 J
Arsenic	**13**	16	**14.7**	3.4	4.4	3.6	5.9
Barium	**350**	400	**464**	265	322	350	307
Beryllium	7.2	72	0.36 J	0.38	0.3 J	0.37	0.34 J
Cadmium	**2.5**	4.3	0.68 J	0.66 J	0.96	0.5 J	1.4
Calcium	NS	NS	39,700	33,600	7,620	19,300	18,400
Chromium, Hexavalent	1	110	NR	NR	NR	NR	NR
Chromium, Total	NS	NS	15.4	16.9	19.9	18.3	19.9
Cobalt	NS	NS	5.9	4.8	4.2	5.1	5.5
Copper	**50**	270	46.1	20.1	39.5	35.3	**59**
Iron	NS	NS	31,200	11,900	11,400	13,000	12,300
Lead	**63**	400	**475**	**304**	**292**	**197**	**423**
Magnesium	NS	NS	3,410	6,750	2,840	3,470	2,690
Manganese	1,600	2,000	307	310	160	199	195
Mercury	**0.18**	0.81	**0.63**	**0.22**	**0.29**	**0.32**	**0.36**
Nickel	**30**	310	19.1	12.9	17	14.2	18.4
Potassium	NS	NS	1,100	1,440	1,120	1,310	1,000
Selenium	3.9	180	0.71 J	0.17 J	0.33 J	0.24 J	0.4 J
Silver	**2**	180	0.18 J	0.34 U	0.46	0.18 J	0.44
Sodium	NS	NS	449	150	108	108	116
Thallium	NS	NS	0.23 J	0.095 J	0.11 J	0.11 J	0.11 J
Vanadium	NS	NS	41.8	24.4	37.1	26.2	56
Zinc	**109**	10,000	**619**	**164**	**244**	**270**	**261**

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		AKRF Sample ID	SB-04_2-4_20241217	SB-04_2-4_20241217	SB-04_8-10_20241217	SB-04_8-10_20241217	SB-05_0-2_20241217
		Laboratory Sample ID	460-317499-8	460-317499-8	460-317499-9	460-317499-9	460-317499-10
		Date Sampled	12/17/2024	12/17/2024	12/17/2024	12/17/2024	12/17/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	3	1	3	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	18,000	NR	13,400	NR	13,100
Antimony	NS	NS	0.26 J	NR	1.1 J	NR	0.73 J
Arsenic	**13**	16	**30.5**	NR	**125**	NR	5
Barium	**350**	400	**419**	NR	341	NR	**467**
Beryllium	7.2	72	1.5	NR	2.3	NR	0.28 J
Cadmium	**2.5**	4.3	**5**	NR	**23.3**	NR	2.1
Calcium	NS	NS	14,800	NR	9,540	NR	16,300
Chromium, Hexavalent	1	110	NR	NR	NR	NR	NR
Chromium, Total	NS	NS	49.5	NR	74	NR	59.9
Cobalt	NS	NS	9	NR	13.3	NR	9.9
Copper	**50**	270	35.7	NR	**75.5**	NR	**1,010**
Iron	NS	NS	14,900	NR	41,700	NR	27,400
Lead	**63**	400	**1,250**	NR	NR	**4,880**	**396**
Magnesium	NS	NS	3,380	NR	3,920	NR	9,290
Manganese	1,600	2,000	160	NR	238	NR	273
Mercury	**0.18**	0.81	NR	**0.94**	**0.59**	NR	**0.72**
Nickel	**30**	310	**36.3**	NR	**57.8**	NR	**39.1**
Potassium	NS	NS	2,990	NR	3,860	NR	5,480
Selenium	3.9	180	0.64 J	NR	1.3 J	NR	0.34 J
Silver	**2**	180	0.14 J	NR	0.24 J	NR	0.48
Sodium	NS	NS	647	NR	297	NR	238
Thallium	NS	NS	0.39	NR	1.3	NR	0.28 J
Vanadium	NS	NS	66.6	NR	99.7	NR	73.7
Zinc	**109**	10,000	**211**	NR	**234**	NR	**433**

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		AKRF Sample ID	SB-05_2-4_20241217	SB-05_8-10_20241217	SB-05_8-10_20241217	SB-06_0-2_20241217	SB-06_0-2_20241217
		Laboratory Sample ID	460-317499-11	460-317499-12	460-317499-12	460-317499-13	460-317499-13
		Date Sampled	12/17/2024	12/17/2024	12/17/2024	12/17/2024	12/17/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	50	1	3
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	13,500	9,640	NR	8,270	NR
Antimony	NS	NS	0.61 J	0.61 J	NR	1.6	NR
Arsenic	**13**	16	3.6	9.7	NR	**20**	NR
Barium	**350**	400	**586**	258	NR	**572**	NR
Beryllium	7.2	72	0.28 J	0.6	NR	0.59	NR
Cadmium	**2.5**	4.3	1.5	0.93 J	NR	**4.1**	NR
Calcium	NS	NS	8,990	15,700	NR	16,200	NR
Chromium, Hexavalent	1	110	NR	NR	NR	2 U	NR
Chromium, Total	NS	NS	65.3	53.2	NR	40.5	NR
Cobalt	NS	NS	10.4	8.6	NR	10	NR
Copper	**50**	270	**69**	NR	**3,810**	**173**	NR
Iron	NS	NS	24,300	34,800	NR	32,700	NR
Lead	**63**	400	**305**	NR	**69,600**	**1,160**	NR
Magnesium	NS	NS	8,340	7,300	NR	4,180	NR
Manganese	1,600	2,000	208	246	NR	272	NR
Mercury	**0.18**	0.81	**0.23**	**0.25**	NR	NR	**1.5**
Nickel	**30**	310	**35.7**	**48.6**	NR	**42**	NR
Potassium	NS	NS	6,610	2,060	NR	1,660	NR
Selenium	3.9	180	0.19 J	0.71 J	NR	0.75 J	NR
Silver	**2**	180	**4.2**	**2.9**	NR	1.4	NR
Sodium	NS	NS	208	459	NR	205	NR
Thallium	NS	NS	0.28 J	0.23 J	NR	0.35 J	NR
Vanadium	NS	NS	46.2	38.7	NR	102	NR
Zinc	**109**	10,000	**395**	**1,540**	NR	**670**	NR

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		AKRF Sample ID	SB-06_2-4_20241217	SB-06_2-4_20241217	SB-06_8-10_20241217	SB-07_0-2_20241217	SB-07_2-4_20241217
		Laboratory Sample ID	460-317499-14	460-317499-14	460-317499-15	460-317499-16	460-317499-17
		Date Sampled	12/17/2024	12/17/2024	12/17/2024	12/17/2024	12/17/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	400	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	8,020	NR	6,020	13,200	5,280
Antimony	NS	NS	0.7 J	NR	0.58 J	0.38 J	0.23 J
Arsenic	**13**	16	8.2	NR	4.9	**47.5**	7
Barium	**350**	400	**513**	NR	322	309	120
Beryllium	7.2	72	0.48	NR	0.32 J	1.5	0.36 J
Cadmium	**2.5**	4.3	2.1	NR	1.5	0.23 J	0.34 J
Calcium	NS	NS	19,100	NR	32,400	18,800	90,500
Chromium, Hexavalent	1	110	2 U	NR	2 U	NR	NR
Chromium, Total	NS	NS	26.7	NR	17.4	39.4	13
Cobalt	NS	NS	6.8	NR	5.5	7.7	2.8
Copper	**50**	270	**82.3**	NR	**70.3**	28.2	23.3
Iron	NS	NS	19,400	NR	17,100	49,600	14,000
Lead	**63**	400	**683**	NR	**421**	33.3	**73**
Magnesium	NS	NS	6,160	NR	6,510	3,130	2,510
Manganese	1,600	2,000	199	NR	201	133	67.9
Mercury	**0.18**	0.81	NR	**112**	**0.58**	**0.3**	NR
Nickel	**30**	310	25.3	NR	20.3	**79.6**	9
Potassium	NS	NS	2,200	NR	1,810	1,010	680
Selenium	3.9	180	0.47 J	NR	0.22 J	1.4	0.43 J
Silver	**2**	180	0.69	NR	0.29 J	0.13 J	0.12 J
Sodium	NS	NS	223	NR	140	460	198
Thallium	NS	NS	0.25 J	NR	0.13 J	0.88	0.094 J
Vanadium	NS	NS	56	NR	46.9	395	30
Zinc	**109**	10,000	**455**	NR	**355**	39.8	106

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		AKRF Sample ID	SB-07_2-4_20241217	SB-07_8-10_20241217	SB-08_0-2_20241218	SB-08_0-2_20241218	SB-08_2-4_20241218
		Laboratory Sample ID	460-317499-17	460-317499-18	460-317606-17	460-317606-17	460-317606-18
		Date Sampled	12/17/2024	12/17/2024	12/18/2024	12/18/2024	12/18/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	5	1	1	2	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	6,540	3,300	NR	12,600
Antimony	NS	NS	NR	0.32 J	1.8	NR	0.82 U
Arsenic	**13**	16	NR	4.1	7.2	NR	1
Barium	**350**	400	NR	201	**772**	NR	181
Beryllium	7.2	72	NR	0.31 J	0.13 J	NR	0.32 J
Cadmium	**2.5**	4.3	NR	0.71 J	1.6	NR	0.27 J
Calcium	NS	NS	NR	22,500	29,600	NR	5,370
Chromium, Hexavalent	1	110	NR	NR	NR	NR	NR
Chromium, Total	NS	NS	NR	17.9	14	NR	27.6
Cobalt	NS	NS	NR	5.1	5.1	NR	12.5
Copper	**50**	270	NR	35.4	49	NR	38.5
Iron	NS	NS	NR	13,900	9,400	NR	23,900
Lead	**63**	400	NR	**255**	**597**	NR	56.8
Magnesium	NS	NS	NR	5,730	1,950	NR	5,700
Manganese	1,600	2,000	NR	152	138	NR	297
Mercury	**0.18**	0.81	**2.6**	**0.26**	NR	**1**	**0.31**
Nickel	**30**	310	NR	16.6	24.1	NR	25.7
Potassium	NS	NS	NR	1,870	556	NR	7,470
Selenium	3.9	180	NR	0.21 J	0.34 J	NR	1 U
Silver	**2**	180	NR	0.16 J	0.49	NR	0.14 J
Sodium	NS	NS	NR	92.5	149	NR	113
Thallium	NS	NS	NR	0.14 J	0.42 U	NR	0.34
Vanadium	NS	NS	NR	30.2	89.3	NR	39
Zinc	**109**	10,000	NR	**192**	**1,010**	NR	**138**

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		AKRF Sample ID	SB-08_8-10_20241218	SB-09_0-2_20241218	SB-09_2-4_20241218	SB-X1_2-4_20241218	SB-09_8-10_20241218
		Laboratory Sample ID	460-317606-19	460-317606-4	460-317606-5	460-317606-3	460-317606-6
		Date Sampled	12/18/2024	12/18/2024	12/18/2024	12/18/2024	12/18/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	9,620	7,730	8,460	15,700	7,650
Antimony	NS	NS	0.63 J	0.2 J	1 J	0.21 J	3.9
Arsenic	**13**	16	3.5	4	7.2	3.8	8.2
Barium	**350**	400	268	165	**1,060**	268	**754**
Beryllium	7.2	72	0.33 J	0.25 J	0.3 J	0.51	0.31 J
Cadmium	**2.5**	4.3	0.8 J	2.5	2.5	0.36 J	2.5
Calcium	NS	NS	14,400	12,600	24,000	11,000	44,900
Chromium, Hexavalent	1	110	NR	2.3 U	2.3 U	2.3 U	2.8 U
Chromium, Total	NS	NS	28.1	19.5	26	42.4	26
Cobalt	NS	NS	7.9	6.3	7.8	11.9	8.2
Copper	**50**	270	**231**	29.7	**165**	**52.1**	**95.9**
Iron	NS	NS	19,300	14,300	16,000	32,300	22,400
Lead	**63**	400	**226**	**140**	**496**	**116**	**706**
Magnesium	NS	NS	4,570	5,470	4,600	9,740	6,210
Manganese	1,600	2,000	243	196	220	349	265
Mercury	**0.18**	0.81	**0.23**	**0.19**	**0.7**	0.039	0.024 U
Nickel	**30**	310	20.6	15.5	**51.8**	30	**30.1**
Potassium	NS	NS	4,150	3,290	1,560	7,140	2,570
Selenium	3.9	180	0.25 J	0.19 J	0.69 J	0.15 J	0.85 J
Silver	**2**	180	0.2 J	0.19 J	0.82	0.14 J	**2.2**
Sodium	NS	NS	204	92.2 J	177	191	242
Thallium	NS	NS	0.2 J	0.18 J	0.17 J	0.3 J	0.18 J
Vanadium	NS	NS	46.5	34	380	59.3	91.7
Zinc	**109**	10,000	**282**	**1,730**	**1,290**	**187**	**1,010**

Table 3
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SB-10_0-2_20241218	SB-10_2-4_20241218	SB-10_8-10_20241218	SB-11_0-2_20241218	SB-11_2-4_20241218
		Laboratory Sample ID	460-317606-13	460-317606-14	460-317606-15	460-317606-10	460-317606-11
		Date Sampled	12/18/2024	12/18/2024	12/18/2024	12/18/2024	12/18/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	14,600	7,270	1,530	17,100	8,200
Antimony	NS	NS	1.1 U	0.96 U	0.71 J	1.1 U	0.21 J
Arsenic	**13**	16	0.4 J	0.54 J	1.5	0.67 J	3
Barium	**350**	400	205	104	221	299	**393**
Beryllium	7.2	72	0.45	0.31 J	0.071 J	0.28 J	0.36 J
Cadmium	**2.5**	4.3	1.1 U	0.96 U	0.94 J	0.16 J	0.35 J
Calcium	NS	NS	2,760	1,600	80,600	2,690	16,500
Chromium, Hexavalent	1	110	NR	NR	NR	2.3 U	2.2 U
Chromium, Total	NS	NS	23.4	12.2	4.3	32.7	16.8
Cobalt	NS	NS	14.1	7.4	1.7 J	18.6	8.8
Copper	**50**	270	**80.6**	11.8	31	28.1	26.5
Iron	NS	NS	23,300	16,800	3,030	37,900	20,900
Lead	**63**	400	9.9	14.9	**1,550**	29.9	**213**
Magnesium	NS	NS	6,320	3,420	1,880	8,200	5,070
Manganese	1,600	2,000	419	288	47.4	431	341
Mercury	**0.18**	0.81	0.02	0.016	0.13	0.036	0.066
Nickel	**30**	310	23.9	14.4	16.3	**38**	17.5
Potassium	NS	NS	8,880	3,660	215	11,600	4,000
Selenium	3.9	180	1.4 U	1.2 U	0.16 J	1.3 U	0.24 J
Silver	**2**	180	0.45 U	0.38 U	0.24 J	0.43 U	0.099 J
Sodium	NS	NS	96.7 J	66 J	72.7 J	154	122
Thallium	NS	NS	0.34 J	0.15 J	0.4 U	0.49	0.19 J
Vanadium	NS	NS	32.7	15.3	198	51.3	25.7
Zinc	**109**	10,000	89.4	53.2	**907**	**119**	**291**

Table 3
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SB-X2_2-4_20241218	SB-11_8-10_20241218	SB-12_0-2_20241218	SB-12_2-4_20241218	SB-12_2-4_20241218
		Laboratory Sample ID	460-317606-16	460-317606-12	460-317606-7	460-317606-8	460-317606-8
		Date Sampled	12/18/2024	12/18/2024	12/18/2024	12/18/2024	12/18/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	2
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	7,050	7,370	10,500	7,720	NR
Antimony	NS	NS	1 U	0.19 J	1 J	1.1	NR
Arsenic	**13**	16	0.42 J	0.71 J	8.3	7.6	NR
Barium	**350**	400	92	134	**577**	**790**	NR
Beryllium	7.2	72	0.25 J	0.2 J	0.46	0.58	NR
Cadmium	**2.5**	4.3	1 U	0.12 J	1.4	**3.4**	NR
Calcium	NS	NS	882	2,530	19,700	51,800	NR
Chromium, Hexavalent	1	110	2.2 U	2.1 U	NR	NR	NR
Chromium, Total	NS	NS	9.4	12.6	33.9	20.7	NR
Cobalt	NS	NS	7.7	7.7	10.6	6.8	NR
Copper	**50**	270	8.1	14.4	**127**	**139**	NR
Iron	NS	NS	14,400	14,600	52,800	14,900	NR
Lead	**63**	400	10.2	39.3	**445**	**439**	NR
Magnesium	NS	NS	3,310	3,360	6,800	7,380	NR
Manganese	1,600	2,000	243	229	313	211	NR
Mercury	**0.18**	0.81	0.058	0.018 U	**0.52**	NR	**1.2**
Nickel	**30**	310	13.9	13.6	30	**68.7**	NR
Potassium	NS	NS	4,310	4,580	3,600	1,860	NR
Selenium	3.9	180	1.3 U	1.3 U	0.65 J	1 J	NR
Silver	**2**	180	0.41 U	0.4 U	0.67	1.6	NR
Sodium	NS	NS	64.8 J	90.7 J	191	333	NR
Thallium	NS	NS	0.17 J	0.2 J	0.25 J	0.2 J	NR
Vanadium	NS	NS	12.1	19.4	64.4	NR	NR
Zinc	**109**	10,000	51.7	97.8	**432**	**673**	NR

Table 3
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Metals

			AKRF Sample ID	SB-12_2-4_20241218	SB-12_8-10_20241218
			Laboratory Sample ID	460-317606-8	460-317606-9
			Date Sampled	12/18/2024	12/18/2024
			Unit	mg/kg	mg/kg
			Dilution Factor	5	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**		CONC Q	CONC Q
Aluminum	NS	NS		NR	6,550
Antimony	NS	NS		NR	0.6 J
Arsenic	**13**	16		NR	4.8
Barium	**350**	400		NR	**1,010**
Beryllium	7.2	72		NR	0.24 J
Cadmium	**2.5**	4.3		NR	0.78 J
Calcium	NS	NS		NR	29,300
Chromium, Hexavalent	1	110		NR	NR
Chromium, Total	NS	NS		NR	20.1
Cobalt	NS	NS		NR	5.6
Copper	**50**	270		NR	**847**
Iron	NS	NS		NR	12,000
Lead	**63**	400		NR	**418**
Magnesium	NS	NS		NR	4,460
Manganese	1,600	2,000		NR	229
Mercury	**0.18**	0.81		NR	**0.34**
Nickel	**30**	310		NR	**42.4**
Potassium	NS	NS		NR	591
Selenium	3.9	180		NR	0.75 J
Silver	**2**	180		NR	**2.1**
Sodium	NS	NS		NR	202
Thallium	NS	NS		NR	0.11 J
Vanadium	NS	NS		565	254
Zinc	**109**	10,000		NR	**1,030**

Table 4
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	SB-06_0-2_20241217	SB-06_2-4_20241217	SB-06_8-10_20241217	SB-09_0-2_20241218	SB-09_2-4_20241218	SB-X1_2-4_20241218
		Laboratory Sample ID	460-317499-13	460-317499-14	460-317499-15	460-317606-4	460-317606-5	460-317606-3
		Date Sampled	12/17/2024	12/17/2024	12/17/2024	12/18/2024	12/18/2024	12/18/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.068 U	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
PCB-1221 (Aroclor 1221)	NS	NS	0.068 U	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
PCB-1232 (Aroclor 1232)	NS	NS	0.068 U	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
PCB-1242 (Aroclor 1242)	NS	NS	0.068 U	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
PCB-1248 (Aroclor 1248)	NS	NS	0.068 U	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
PCB-1254 (Aroclor 1254)	NS	NS	0.068 U	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
PCB-1260 (Aroclor 1260)	NS	NS	0.057 J	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
PCB-1262 (Aroclor 1262)	NS	NS	0.068 U	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
PCB-1268 (Aroclor 1268)	NS	NS	0.068 U	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
Total PCBs	0.1	1	0.057 J	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U

Table 4
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	SB-09_8-10_20241218	SB-11_0-2_20241218	SB-11_2-4_20241218	SB-X2_2-4_20241218	SB-11_8-10_20241218
		Laboratory Sample ID	460-317606-6	460-317606-10	460-317606-11	460-317606-16	460-317606-12
		Date Sampled	12/18/2024	12/18/2024	12/18/2024	12/18/2024	12/18/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
PCB-1221 (Aroclor 1221)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
PCB-1232 (Aroclor 1232)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
PCB-1242 (Aroclor 1242)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
PCB-1248 (Aroclor 1248)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
PCB-1254 (Aroclor 1254)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
PCB-1260 (Aroclor 1260)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
PCB-1262 (Aroclor 1262)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
PCB-1268 (Aroclor 1268)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
Total PCBs	0.1	1	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U

Table 5
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Pesticides

		AKRF Sample ID	SB-06_0-2_20241217	SB-06_2-4_20241217	SB-06_8-10_20241217	SB-09_0-2_20241218
		Laboratory Sample ID	460-317499-13	460-317499-14	460-317499-15	460-317606-4
		Date Sampled	12/17/2024	12/17/2024	12/17/2024	12/18/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.002 UHT	0.002 UHT	0.0021 UHT	0.0023 UHT
Alpha Endosulfan	NS	NS	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.002 UHT	0.002 UHT	0.0021 UHT	0.0023 UHT
Beta Endosulfan	NS	NS	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
cis-Chlordane	0.094	4.2	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.002 UHT	0.002 UHT	0.0021 UHT	0.0023 UHT
Dieldrin	0.005	0.2	0.002 UHT	0.002 UHT	0.0021 UHT	0.0023 UHT
Endosulfan Sulfate	NS	NS	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Endrin Aldehyde	NS	NS	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Endrin Ketone	NS	NS	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Gamma Bhc (Lindane)	0.1	1.3	0.002 UHT	0.002 UHT	0.0021 UHT	0.0023 UHT
Heptachlor	0.042	2.1	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Heptachlor Epoxide	NS	NS	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Methoxychlor	NS	NS	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
P,P'-DDD	0.0033	13	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
P,P'-DDE	**0.0033**	8.9	0.0032 JHT	0.0067 UHT	**0.004 JHT**	0.0078 UHT
P,P'-DDT	**0.0033**	7.9	**0.0065 JHT**	0.0029 JHT	**0.014 HT**	0.0078 UHT
Toxaphene	NS	NS	0.068 UHT	0.067 UHT	0.071 UHT	0.078 UHT

Table 5
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Pesticides

		AKRF Sample ID	SB-09_2-4_20241218	SB-X1_2-4_20241218	SB-09_8-10_20241218	SB-11_0-2_20241218
		Laboratory Sample ID	460-317606-5	460-317606-3	460-317606-6	460-317606-10
		Date Sampled	12/18/2024	12/18/2024	12/18/2024	12/18/2024
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0024 UHT	0.0023 UHT	0.0028 UHT	0.0023 UHT
Alpha Endosulfan	NS	NS	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0024 UHT	0.0023 UHT	0.0028 UHT	0.0023 UHT
Beta Endosulfan	NS	NS	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
cis-Chlordane	0.094	4.2	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0024 UHT	0.0023 UHT	0.0028 UHT	0.0023 UHT
Dieldrin	0.005	0.2	0.0024 UHT	0.0023 UHT	0.0028 UHT	0.0023 UHT
Endosulfan Sulfate	NS	NS	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Endrin Aldehyde	NS	NS	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Endrin Ketone	NS	NS	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Gamma Bhc (Lindane)	0.1	1.3	0.0024 UHT	0.0023 UHT	0.0028 UHT	0.0023 UHT
Heptachlor	0.042	2.1	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Heptachlor Epoxide	NS	NS	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Methoxychlor	NS	NS	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
P,P'-DDD	0.0033	13	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
P,P'-DDE	**0.0033**	8.9	**0.0081 HT**	0.0078 UHT	0.0094 UHT	0.0079 UHT
P,P'-DDT	**0.0033**	7.9	**0.0099 HT**	**0.0047 JHT**	**0.0039 JHT**	0.0079 UHT
Toxaphene	NS	NS	0.079 UHT	0.078 UHT	0.094 UHT	0.079 UHT

Table 5
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Pesticides

			AKRF Sample ID	SB-11_2-4_20241218	SB-X2_2-4_20241218	SB-11_8-10_20241218
			Laboratory Sample ID	460-317606-11	460-317606-16	460-317606-12
			Date Sampled	12/18/2024	12/18/2024	12/18/2024
			Unit	mg/kg	mg/kg	mg/kg
			Dilution Factor	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**		CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097		0.0074 UHT	0.0075 UHT	0.0069 UHT
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48		0.0022 UHT	0.0022 UHT	0.0021 UHT
Alpha Endosulfan	NS	NS		0.0074 UHT	0.0075 UHT	0.0069 UHT
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36		0.0022 UHT	0.0022 UHT	0.0021 UHT
Beta Endosulfan	NS	NS		0.0074 UHT	0.0075 UHT	0.0069 UHT
cis-Chlordane	0.094	4.2		0.0074 UHT	0.0075 UHT	0.0069 UHT
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100		0.0022 UHT	0.0022 UHT	0.0021 UHT
Dieldrin	0.005	0.2		0.0022 UHT	0.0022 UHT	0.0021 UHT
Endosulfan Sulfate	NS	NS		0.0074 UHT	0.0075 UHT	0.0069 UHT
Endosulfans ABS	2.4	24		0 U	0 U	0 U
Endrin	0.014	11		0.0074 UHT	0.0075 UHT	0.0069 UHT
Endrin Aldehyde	NS	NS		0.0074 UHT	0.0075 UHT	0.0069 UHT
Endrin Ketone	NS	NS		0.0074 UHT	0.0075 UHT	0.0069 UHT
Gamma Bhc (Lindane)	0.1	1.3		0.0022 UHT	0.0022 UHT	0.0021 UHT
Heptachlor	0.042	2.1		0.0074 UHT	0.0075 UHT	0.0069 UHT
Heptachlor Epoxide	NS	NS		0.0074 UHT	0.0075 UHT	0.0069 UHT
Methoxychlor	NS	NS		0.0074 UHT	0.0075 UHT	0.0069 UHT
P,P'-DDD	0.0033	13		0.0074 UHT	0.0075 UHT	0.0069 UHT
P,P'-DDE	**0.0033**	8.9		0.0074 UHT	0.0075 UHT	0.0069 UHT
P,P'-DDT	**0.0033**	7.9		**0.0053 JHT**	0.0075 UHT	**0.0041 JHT**
Toxaphene	NS	NS		0.074 UHT	0.075 UHT	0.069 UHT

Table 6
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	SB-06_0-2_20241217	SB-06_2-4_20241217	SB-06_8-10_20241217	SB-09_0-2_20241218
		Laboratory Sample ID	460-317500-1	460-317500-2	460-317500-3	460-317615-1
		Date Sampled	12/17/2024	12/17/2024	12/17/2024	12/18/2024
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	NS	NS	1.16 U	1.14 U	0.74 U	0.76 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	NS	NS	1.16 U	1.14 U	0.74 U	0.76 U
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	NS	NS	1.16 U	1.14 U	0.74 U	0.76 U
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	NS	NS	1.16 U	1.14 U	0.74 U	0.76 U
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	NS	NS	7.25 U	7.15 U	4.61 U	4.74 U
3-Perfluoropentylpropanoic acid (5:3 FTCA)	NS	NS	7.25 U	7.15 U	4.61 U	4.74 U
3-Perfluoropropylpropanoic acid (3:3 FTCA)	NS	NS	1.45 U	1.43 U	0.92 U	0.95 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	1.16 U	1.14 U	0.74 U	0.76 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	NS	NS	1.16 U	1.14 U	0.74 U	0.76 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	NS	NS	1.16 U	1.14 U	0.74 U	0.76 U
N-ethylperfluorooctane sulfonamide (NEtFOSA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	NS	NS	2.9 U	2.86 U	1.85 U	1.9 U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	NS	0.29 UT	0.29 UT	0.18 UT	0.19 U
N-methylperfluorooctane sulfonamide (NMeFOSA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	NS	NS	2.9 U	2.86 U	1.85 U	1.9 U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NS	NS	0.58 U	0.57 U	0.37 U	0.38 U
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	NS	NS	0.58 U	0.57 U	0.37 U	0.38 UT
Perfluoro-3-methoxypropanoic acid (PFMPA)	NS	NS	0.58 U	0.57 U	0.37 U	0.38 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NS	NS	0.58 U	0.57 U	0.37 U	0.38 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorobutanoic acid (PFBA)	NS	NS	1.16 U	1.14 U	0.74 U	0.76 U
Perfluorodecanesulfonic acid (PFDS)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorodecanoic acid (PFDA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorododecanesulfonic acid (PFDoS)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorododecanoic acid (PFDoA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluoroheptanoic acid (PFHpA)	NS	NS	0.29 U	0.29 U	0.18 U	0.069 J
Perfluorohexanesulfonic acid (PFHxS)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorohexanoic acid (PFHxA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorononanesulfonic acid (PFNS)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorononanoic acid (PFNA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorooctanesulfonamide (PFOSA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	0.29 U	0.39	0.75	**0.97**
Perfluorooctanoic acid (PFOA)	0.66	33	0.29 U	0.42	0.27	0.55
Perfluoropentanesulfonic acid (PFPeS)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluoropentanoic acid (PFPeA)	NS	NS	0.58 U	0.57 U	0.13 J	0.18 J
Perfluorotetradecanoic acid (PFTeDA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorotridecanoic acid (PFTrDA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluoroundecanoic acid (PFUnA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U

Table 6
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	SB-09_2-4_20241218	SB-X1_2-4_20241218	SB-09_8-10_20241218	SB-11_0-2_20241218
		Laboratory Sample ID	460-317615-2	460-317615-7	460-317615-3	460-317615-4
		Date Sampled	12/18/2024	12/18/2024	12/18/2024	12/18/2024
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	NS	NS	0.81 U	0.75 U	1.14 U	0.75 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	NS	NS	0.81 U	0.75 U	1.14 U	0.75 U
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	NS	NS	0.81 U	0.75 U	1.14 U	0.75 U
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	NS	NS	0.81 U	0.75 U	1.14 U	0.75 U
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	NS	NS	5.08 U	4.67 U	7.15 U	4.66 U
3-Perfluoropentylpropanoic acid (5:3 FTCA)	NS	NS	5.08 U	4.67 U	7.15 U	4.66 U
3-Perfluoropropylpropanoic acid (3:3 FTCA)	NS	NS	1.02 U	0.93 U	1.43 U	0.93 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	0.81 U	0.75 U	1.14 U	0.75 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	NS	NS	0.81 U	0.75 U	1.14 U	0.75 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	NS	NS	0.81 U	0.75 U	1.14 U	0.75 U
N-ethylperfluorooctane sulfonamide (NEtFOSA)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	NS	NS	2.03 U	1.87 U	2.86 U	1.87 U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
N-methylperfluorooctane sulfonamide (NMeFOSA)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	NS	NS	2.03 U	1.87 U	2.86 U	1.87 U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NS	NS	0.41 U	0.37 U	0.57 U	0.37 U
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	NS	NS	0.41 UT	0.37 UT	0.57 UT	0.37 UT
Perfluoro-3-methoxypropanoic acid (PFMPA)	NS	NS	0.41 U	0.37 U	0.57 U	0.37 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NS	NS	0.41 U	0.37 U	0.57 U	0.37 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluorobutanoic acid (PFBA)	NS	NS	0.81 U	0.75 U	1.14 U	0.75 U
Perfluorodecanesulfonic acid (PFDS)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluorodecanoic acid (PFDA)	NS	NS	0.2 U	0.19 U	0.29 U	0.095 J
Perfluorododecanesulfonic acid (PFDoS)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluorododecanoic acid (PFDoA)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluoroheptanoic acid (PFHpA)	NS	NS	0.2 U	0.047 J	0.29 U	0.048 J
Perfluorohexanesulfonic acid (PFHxS)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluorohexanoic acid (PFHxA)	NS	NS	0.2 U	0.19 U	0.29 U	0.07 J
Perfluorononanesulfonic acid (PFNS)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluorononanoic acid (PFNA)	NS	NS	0.2 U	0.19 U	0.29 U	0.13 J
Perfluorooctanesulfonamide (PFOSA)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	**0.92**	0.7	**1.31**	0.68
Perfluorooctanoic acid (PFOA)	0.66	33	0.42	0.33	0.17 J	0.17 J
Perfluoropentanesulfonic acid (PFPeS)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluoropentanoic acid (PFPeA)	NS	NS	0.23 J	0.7	0.57 U	0.11 J
Perfluorotetradecanoic acid (PFTeDA)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluorotridecanoic acid (PFTrDA)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluoroundecanoic acid (PFUnA)	NS	NS	0.2 U	0.19 U	0.29 U	0.072 J

Table 6
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	SB-11_2-4_20241218	SB-11_8-10_20241218	FB-20241218
		Laboratory Sample ID	460-317615-5	460-317615-6	460-317615-8
		Date Sampled	12/18/2024	12/18/2024	12/18/2024
		Dilution Factor	1	1	1
		Unit	ppb	ppb	ppt
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	NS	NS	0.73 U	0.7 U	6.72 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	NS	NS	0.73 U	0.7 U	6.72 U
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	NS	NS	0.73 U	0.7 U	6.72 U
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	NS	NS	0.73 U	0.7 U	6.72 U
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	NS	NS	4.58 U	4.35 U	42 U
3-Perfluoropentylpropanoic acid (5:3 FTCA)	NS	NS	4.58 U	4.35 U	42 U
3-Perfluoropropylpropanoic acid (3:3 FTCA)	NS	NS	0.92 U	0.87 U	8.41 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	0.73 U	0.7 U	6.72 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	NS	NS	0.73 U	0.7 U	6.72 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	NS	NS	0.73 U	0.7 U	6.72 U
N-ethylperfluorooctane sulfonamide (NEtFOSA)	NS	NS	0.18 U	0.17 U	1.68 U
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	NS	NS	1.83 U	1.74 U	16.8 U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	NS	0.18 U	0.17 U	1.68 U
N-methylperfluorooctane sulfonamide (NMeFOSA)	NS	NS	0.18 U	0.17 U	1.68 U
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	NS	NS	1.83 U	1.74 U	16.8 U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	NS	0.18 U	0.17 U	1.68 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NS	NS	0.37 U	0.35 U	3.36 U
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	NS	NS	0.37 UT	0.35 UT	3.36 UT
Perfluoro-3-methoxypropanoic acid (PFMPA)	NS	NS	0.37 U	0.35 U	3.36 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NS	NS	0.37 U	0.35 U	3.36 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluorobutanoic acid (PFBA)	NS	NS	0.73 U	0.7 U	6.72 U
Perfluorodecanesulfonic acid (PFDS)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluorodecanoic acid (PFDA)	NS	NS	0.18 U	0.05 J	1.68 U
Perfluorododecanesulfonic acid (PFDoS)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluorododecanoic acid (PFDoA)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluoroheptanoic acid (PFHpA)	NS	NS	0.048 J	0.17 U	1.68 U
Perfluorohexanesulfonic acid (PFHxS)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluorohexanoic acid (PFHxA)	NS	NS	0.088 J	0.061 J	1.68 U
Perfluorononanesulfonic acid (PFNS)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluorononanoic acid (PFNA)	NS	NS	0.079 J	0.1 J	1.68 U
Perfluorooctanesulfonamide (PFOSA)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	0.68	**1.02**	1.68 U
Perfluorooctanoic acid (PFOA)	0.66	33	0.23	0.33	1.68 U
Perfluoropentanesulfonic acid (PFPeS)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluoropentanoic acid (PFPeA)	NS	NS	0.19 J	0.1 J	3.36 U
Perfluorotetradecanoic acid (PFTeDA)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluorotridecanoic acid (PFTrDA)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluoroundecanoic acid (PFUnA)	NS	NS	0.18 U	0.17 U	1.68 U

Table 7
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Toxicity Characteristic Leaching Procedure (TCLP) Metals

	AKRF Sample ID	SB-04_2-4_20241217	SB-04_8-10_20241217	SB-05_8-10_20241217	SB-06_0-2_20241217	SB-06_2-4_20241217
	Laboratory Sample ID	460-317499-8	460-317499-9	460-317499-12	460-317499-13	460-317499-14
	Date Sampled	12/17/2024	12/17/2024	12/17/2024	12/17/2024	12/17/2024
	Unit	mg/l	mg/l	mg/l	mg/l	mg/l
	Dilution Factor	10	10	20	10	1
Compound	**EPA Hazardous Waste Criteria**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	5	NR	0.0149 J	NR	NR	NR
Barium	100	NR	NR	NR	NR	NR
Lead	**5**	**22.6**	**10.3**	**199**	1.74	NR
Mercury	0.2	NR	NR	NR	NR	0.00016 J

Table 7
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Toxicity Characteristic Leaching Procedure (TCLP) Metals

	AKRF Sample ID	SB-06_2-4_20241217	SB-09_2-4_20241218	SB-09_8-10_20241218	SB-10_8-10_20241218	SB-12_8-10_20241218
	Laboratory Sample ID	460-317499-14	460-317606-5	460-317606-6	460-317606-15	460-317606-9
	Date Sampled	12/17/2024	12/18/2024	12/18/2024	12/18/2024	12/18/2024
	Unit	mg/l	mg/l	mg/l	mg/l	mg/l
	Dilution Factor	10	10	10	10	10
Compound	**EPA Hazardous Waste Criteria**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	5	NR	NR	NR	NR	NR
Barium	100	NR	0.198	NR	NR	0.499
Lead	**5**	0.516	NR	0.0324	3.43	NR
Mercury	0.2	NR	NR	NR	NR	NR

Table 8
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of VOCs

AKRF Sample ID		MW-01_20241227	MW-02_20241227	MW-03_20241227	MW-0X_20241227
Laboratory Sample ID		460-318017-1	460-318017-2	460-318017-3	460-318017-4
Date Sampled		12/27/2024	12/27/2024	12/27/2024	12/27/2024
Unit		µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	5	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 UT	1 UT	1 UT	1 UT
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U	5 U
Acetone	50	5 U	5 U	5 U	5 U
Benzene	1	1 U	1 U	1 U	1 U
Bromochloromethane	5	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U
Bromoform	50	1 UT	1 UT	1 UT	1 UT
Bromomethane	5	1 U	1 U	1 U	1 U
Carbon Disulfide	60	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U	1 U
Chloromethane	5	1 U	1 U	1 U	0.47 J
Cis-1,2-Dichloroethylene	5	1.3	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U
Cyclohexane	NS	1 U	1 U	1 U	1 U
Dibromochloromethane	50	1 UT	1 UT	1 UT	1 UT
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U	1 U	1 U
M,P-Xylenes	5	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	1 U	1 U
N-Butylbenzene	5	1 U	1 U	1 U	1 U
N-Propylbenzene	5	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U	1 U
Sec-Butylbenzene	5	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	5	1.1	1 U	1 U	1 U
Toluene	5	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	5	0.68 J	1 U	1 U	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U
Vinyl Chloride	2	0.77 J	1 U	1 U	1 U
Xylenes, Total	NS	2 U	2 U	2 U	2 U

Table 8
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of VOCs

AKRF Sample ID		FB-01_20241218	FB-02_20241218	FB_20241227	TB_20241227
Laboratory Sample ID		460-317606-1	460-317606-23	460-318017-5	460-318017-6
Date Sampled		12/18/2024	12/18/2024	12/27/2024	12/27/2024
Unit		µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	5	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 UT	1 UT	1 UT	1 UT
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U	5 U
Acetone	50	5 U	5 U	5 U	5 U
Benzene	1	1 U	1 U	1 U	1 U
Bromochloromethane	5	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U
Bromoform	50	1 U	1 U	1 UT	1 UT
Bromomethane	5	1 U	1 U	1 U	1 U
Carbon Disulfide	60	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U	1 U
Chloromethane	5	1 U	0.63 J	1 U	1 U
Cis-1,2-Dichloroethylene	5	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U
Cyclohexane	NS	1 U	1 U	1 U	1 U
Dibromochloromethane	50	1 U	1 U	1 UT	1 UT
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U	1 U	1 U
M,P-Xylenes	5	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	1 U	1 U
N-Butylbenzene	5	1 U	1 U	1 U	1 U
N-Propylbenzene	5	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U	1 U
Sec-Butylbenzene	5	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	5	1 U	1 U	1 U	1 U
Toluene	5	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	5	1 U	1 U	1 U	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U
Vinyl Chloride	2	1 U	1 U	1 U	1 U
Xylenes, Total	NS	2 U	2 U	2 U	2 U

Table 9
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of SVOCs

	AKRF Sample ID	MW-01_20241227	MW-02_20241227	MW-03_20241227	MW-0X_20241227	FB-01_20241218	FB-02_20241218	FB_20241227
	Laboratory Sample ID	460-318017-1	460-318017-2	460-318017-3	460-318017-4	460-317606-1	460-317606-23	460-318017-5
	Date Sampled	12/27/2024	12/27/2024	12/27/2024	12/27/2024	12/18/2024	12/18/2024	12/27/2024
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	5	NR	NR	10 U	10 U	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	0.35	NR	NR	0.2 UT	0.2 UT	0.2 U	0.2 U	0.2 UT
2,3,4,6-Tetrachlorophenol	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	5	NR	NR	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	NR	NR	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	NR	NR	40 U	40 U	40 U	40 U	40 U
2,4-Dinitrotoluene	5	NR	NR	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	5	NR	NR	2 U	2 U	2 U	2 U	2 U
2-Chloronaphthalene	10	NR	NR	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	NR	NR	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
3- And 4- Methylphenol (Total)	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	NR	NR	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	5	NR	NR	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	NR	NR	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5	NR	NR	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	5	NR	NR	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	NS	NR	NR	20 U	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetophenone	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Atrazine	7.5	NR	NR	2 UT	2 UT	2 UT	2 UT	2 UT
Benzaldehyde	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
Benzo(a)Anthracene	0.002	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)Pyrene	ND	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)Fluoranthene	0.002	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	NR	NR	10 U	10 U	10 U	10 U	10 U
Biphenyl (Diphenyl)	5	NR	NR	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	NR	NR	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	NR	NR	1 U	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	NR	NR	10 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	5	NR	NR	2 U	2 U	2 U	2 U	2 U
Caprolactam	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
Carbazole	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	NS	NR	NR	10 U	10 U	10 U	10 U	10 U
Diethyl Phthalate	50	NR	NR	10 U	10 U	10 U	10 U	10 U
Dimethyl Phthalate	50	NR	NR	10 U	10 U	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	NR	NR	10 U	10 U	10 U	10 U	10 U
Di-N-Octylphthalate	50	NR	NR	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	NR	NR	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.5	NR	NR	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	5	NR	NR	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	NR	NR	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Isophorone	50	NR	NR	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Nitrobenzene	0.4	NR	NR	1 U	1 U	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	NR	NR	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	50	NR	NR	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	NS	NR	NR	20 U	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	1	NR	NR	10 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Table 10
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of Total Metals

AKRF Sample ID		MW-01_20241227	MW-02_20241227	MW-03_20241227	MW-0X_20241227
Laboratory Sample ID		460-318017-1	460-318017-2	460-318017-3	460-318017-4
Date Sampled		12/27/2024	12/27/2024	12/27/2024	12/27/2024
Unit		µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	58,100	272	91.2	943
Antimony	**3**	**9.6**	2 U	2 U	0.87 J
Arsenic	**25**	**303**	2 U	2 U	1.8 J
Barium	1,000	916	174	400	517
Beryllium	**3**	**15.2**	0.8 U	0.8 U	0.8 U
Cadmium	5	2.9	0.43 J	2 U	2 U
Calcium	NS	137,000	274,000	148,000	148,000
Chromium, Total	**50**	**122**	1.8 J	4 U	4.8
Cobalt	NS	34.3	0.58 J	4 U	0.99 J
Copper	**200**	**314**	9.6	4 U	13
Iron	**300**	**71,900**	**1,920**	**1,660**	**3,580**
Lead	**25**	**473**	**61.3**	21.2	**134**
Magnesium	**35,000**	**35,500**	14,200	10,800	11,100
Manganese	**300**	**999**	200	178	204
Mercury	**0.7**	**1.2**	0.2 U	0.2 U	0.36
Nickel	**100**	**121**	4 U	4 U	2.2 J
Potassium	NS	12,900	9,830	5,120	5,370
Selenium	10	5.4	2.5 U	2.5 U	2.5 U
Silver	50	2 U	2 U	2 U	2 U
Sodium	**20,000**	**73,000**	**43,300**	**29,100**	**29,200**
Thallium	**0.5**	**2.1**	0.8 U	0.8 U	0.8 U
Vanadium	NS	354	30.3	7.4	23
Zinc	2,000	792	58.3	27.4	155

Table 10
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of Total Metals

AKRF Sample ID		FB-01_20241218	FB-02_20241218	FB_20241227
Laboratory Sample ID		460-317606-1	460-317606-23	460-318017-5
Date Sampled		12/18/2024	12/18/2024	12/27/2024
Unit		µg/L	µg/L	µg/L
Dilution Factor		1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q
Aluminum	NS	40 U	40 U	40 U
Antimony	**3**	2 U	2 U	2 U
Arsenic	**25**	2 U	2 U	2 U
Barium	1,000	4 U	4 U	4 U
Beryllium	**3**	0.8 U	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U
Calcium	NS	500 U	500 U	500 U
Chromium, Total	**50**	4 U	4 U	4 U
Cobalt	NS	4 U	4 U	4 U
Copper	**200**	4 U	4 U	4 U
Iron	**300**	120 U	120 U	120 U
Lead	**25**	1.2 U	1.2 U	1.2 U
Magnesium	**35,000**	200 U	200 U	200 U
Manganese	**300**	8 U	8 U	8 U
Mercury	**0.7**	0.2 U	0.2 U	0.2 U
Nickel	**100**	4 U	4 U	4 U
Potassium	NS	200 U	200 U	200 U
Selenium	10	2.5 U	2.5 U	2.5 U
Silver	50	2 U	2 U	2 U
Sodium	**20,000**	500 U	500 U	500 U
Thallium	**0.5**	0.8 U	0.8 U	0.8 U
Vanadium	NS	4 U	4 U	4 U
Zinc	2,000	16 U	16 U	16 U

Table 11
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of Dissolved Metals

AKRF Sample ID		MW-01_20241227	MW-02_20241227	MW-03_20241227	MW-0X_20241227	FB_20241227
Laboratory Sample ID		460-318017-1	460-318017-2	460-318017-3	460-318017-4	460-318017-5
Date Sampled		12/27/2024	12/27/2024	12/27/2024	12/27/2024	12/27/2024
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	40 U	40 U	40 U	40 U	40 U
Antimony	3	2 U	2 U	2 U	2 U	2 U
Arsenic	25	2 U	2 U	2 U	2 U	2 U
Barium	1,000	96.7	130	391	395	4 U
Beryllium	3	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	0.41 J	2 U	2 U	2 U	2 U
Calcium	NS	120,000	259,000	146,000	147,000	500 U
Chromium, Total	50	4 U	4 U	4 U	4 U	4 U
Cobalt	NS	1.9 J	4 U	4 U	4 U	4 U
Copper	200	4 U	4 U	4 U	4 U	4 U
Iron	**300**	**5,950**	**923**	**1,540**	**1,520**	120 U
Lead	25	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	35,000	32,500	13,600	10,700	10,800	200 U
Manganese	**300**	**706**	184	180	181	8 U
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	4.4	4 U	4 U	4 U	4 U
Potassium	NS	7,500	9,220	5,100	5,170	200 U
Selenium	10	0.7 J	3.2	2.6	1.9 J	2.5 U
Silver	50	2 U	2 U	2 U	2 U	2 U
Sodium	**20,000**	**75,700**	**40,200**	**28,000**	**29,000**	500 U
Thallium	0.5	0.39 J	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	1.1 J	17.4	4.9	4.7	4 U
Zinc	2,000	110	16 U	16 U	16 U	16 U

Table 12
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of Polychlorinated Biphenyls (PCBs)

AKRF Sample ID		MW-03_20241227	MW-0X_20241227	FB_20241227
Laboratory Sample ID		460-318017-3	460-318017-4	460-318017-5
Date Sampled		12/27/2024	12/27/2024	12/27/2024
Unit		µg/L	µg/L	µg/L
Dilution Factor		1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	0.4 UT	0.4 UT	0.4 UT
PCB-1262 (Aroclor 1262)	NS	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	0.4 U	0.4 U	0.4 U
Total PCBs	0.09	0.4 U	0.4 U	0.4 U

Table 13
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of Pesticides

AKRF Sample ID		MW-03_20241227	MW-0X_20241227	FB_20241227
Laboratory Sample ID		460-318017-3	460-318017-4	460-318017-5
Date Sampled		12/27/2024	12/27/2024	12/27/2024
Unit		µg/L	µg/L	µg/L
Dilution Factor		1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q
Aldrin	ND	0.02 UT	0.02 UT	0.02 UT
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.02 UT	0.02 UT	0.02 UT
Alpha Endosulfan	NS	0.02 UT	0.02 UT	0.02 UT
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.02 UT	0.02 UT	0.02 UT
Beta Endosulfan	NS	0.02 UT	0.02 UT	0.02 UT
cis-Chlordane	NS	0.02 UT	0.02 UT	0.02 UT
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.02 UT	0.02 UT	0.02 UT
Dieldrin	0.004	0.02 UT	0.02 UT	0.02 UT
Endosulfan Sulfate	NS	0.02 UT	0.02 UT	0.02 UT
Endosulfans ABS	NS	0 U	0 U	0 U
Endrin	ND	0.02 UT	0.02 UT	0.02 UT
Endrin Aldehyde	5	0.02 UT	0.02 UT	0.02 UT
Endrin Ketone	5	0.02 UT	0.02 UT	0.02 UT
Gamma Bhc (Lindane)	0.05	0.02 UT	0.02 UT	0.02 UT
Heptachlor	0.04	0.02 UT	0.02 UT	0.02 UT
Heptachlor Epoxide	0.03	0.02 U	0.02 U	0.02 U
Methoxychlor	35	0.02 UT	0.02 UT	0.02 UT
P,P'-DDD	0.3	0.02 UT	0.02 UT	0.02 UT
P,P'-DDE	0.2	0.02 UT	0.02 UT	0.02 UT
P,P'-DDT	0.2	0.02 UT	0.02 UT	0.02 UT
Toxaphene	0.06	0.5 U	0.5 U	0.5 U

Table 14
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of PFAS

	AKRF Sample ID	MW-03_20241227	MW-0X_20241227	FB_20241227
	Laboratory Sample ID	460-318018-1	460-318018-2	460-318018-3
	Date Sampled	12/27/2024	12/27/2024	12/27/2024
	Unit	ppt	ppt	ppt
	Dilution Factor	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	NS	7.24 U	7.59 U	7.25 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	NS	7.24 U	7.59 U	7.25 U
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	NS	7.24 U	7.59 U	7.25 U
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	NS	7.24 U	7.59 U	7.25 U
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	NS	45.2 U	47.5 U	45.3 U
3-Perfluoropentylpropanoic acid (5:3 FTCA)	NS	45.2 U	47.5 U	45.3 U
3-Perfluoropropylpropanoic acid (3:3 FTCA)	NS	9.04 U	9.49 U	9.06 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	7.24 U	7.59 U	7.25 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	NS	7.24 U	7.59 U	7.25 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	NS	7.24 U	7.59 U	7.25 U
N-ethylperfluorooctane sulfonamide (NEtFOSA)	NS	1.81 U	1.9 U	1.81 U
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	NS	18.1 U	19 U	18.1 U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	0.52 J	1.9 U	1.81 U
N-methylperfluorooctane sulfonamide (NMeFOSA)	NS	1.81 U	1.9 U	1.81 U
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	NS	18.1 U	19 U	18.1 U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	1.81 U	1.9 U	1.81 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NS	3.62 U	3.8 U	3.63 U
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	NS	3.62 UT	3.8 UT	3.63 UT
Perfluoro-3-methoxypropanoic acid (PFMPA)	NS	3.62 U	3.8 U	3.63 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NS	3.62 U	3.8 U	3.63 U
Perfluorobutanesulfonic acid (PFBS)	NS	1.46 J	1.56 J	1.81 U
Perfluorobutanoic acid (PFBA)	NS	2.37 J	2.45 J	7.25 U
Perfluorodecanesulfonic acid (PFDS)	NS	1.81 U	1.9 U	1.81 U
Perfluorodecanoic acid (PFDA)	NS	1.81 U	1.9 U	1.81 U
Perfluorododecanesulfonic acid (PFDoS)	NS	1.81 U	1.9 U	1.81 U
Perfluorododecanoic acid (PFDoA)	NS	1.81 U	1.9 U	1.81 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	1.81 U	1.9 U	1.81 U
Perfluoroheptanoic acid (PFHpA)	NS	1.59 J	1.79 J	1.81 U
Perfluorohexanesulfonic acid (PFHxS)	NS	1.6 J	1.6 J	1.81 U
Perfluorohexanoic acid (PFHxA)	NS	3.01	2.87	1.81 U
Perfluorononanesulfonic acid (PFNS)	NS	1.81 U	1.9 U	1.81 U
Perfluorononanoic acid (PFNA)	NS	1.2 J	1.15 J	1.81 U
Perfluorooctanesulfonamide (PFOSA)	NS	1.81 U	1.9 U	1.81 U
Perfluorooctanesulfonic acid (PFOS)	**2.7**	**9.95**	**9.77**	1.81 UT
Perfluorooctanoic acid (PFOA)	**6.7**	**9.75**	**9.63**	1.81 U
Perfluoropentanesulfonic acid (PFPeS)	NS	1.81 U	1.9 U	1.81 U
Perfluoropentanoic acid (PFPeA)	NS	5.99	6.44	3.63 U
Perfluorotetradecanoic acid (PFTeDA)	NS	1.81 U	1.9 U	1.81 U
Perfluorotridecanoic acid (PFTrDA)	NS	1.81 U	1.9 U	1.81 U
Perfluoroundecanoic acid (PFUnA)	NS	1.81 U	1.9 U	1.81 U

Table 15
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Subsurface Investigation
Soil Vapor Analytical Results of VOCs

AKRF Sample ID	SV-01_20241219	SV-01_20241219	SV-02_20241219	SV-03_20241219
Laboratory Sample ID	200-76367-1	200-76367-1	200-76367-2	200-76367-3
Date Sampled	12/19/2024	12/19/2024	12/19/2024	12/19/2024
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	1	2	1	1
Compound	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1.1 U	NR	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane	1.4 U	NR	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.54 J	NR	0.42 J	0.54 J
1,1,2-Trichloroethane	1.1 U	NR	1.1 U	1.1 U
1,1-Dichloroethane	0.81 U	NR	0.81 U	0.81 U
1,1-Dichloroethene	0.2 U	NR	0.2 U	0.2 U
1,2,4-Trichlorobenzene	3.7 U	NR	3.7 U	3.7 U
1,2,4-Trimethylbenzene	100	NR	36	66
1,2-Dibromoethane (Ethylene Dibromide)	1.5 U	NR	1.5 U	1.5 U
1,2-Dichlorobenzene	1.2 U	NR	1.2 U	1.2 U
1,2-Dichloroethane	0.81 U	NR	0.81 U	0.81 U
1,2-Dichloropropane	0.92 U	NR	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane	1.4 U	NR	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	42	NR	15	29
1,3-Butadiene	1.2	NR	0.21 J	0.32 J
1,3-Dichlorobenzene	1.2 U	NR	1.2 U	1.2 U
1,4-Dichlorobenzene	1.2 U	NR	1.2 U	1.2 U
2,2,4-Trimethylpentane	0.93 U	NR	0.2 J	0.4 J
2-Chlorotoluene	1 U	NR	1 U	1 U
2-Hexanone	2 U	NR	2 U	2 U
4-Ethyltoluene	64	NR	26	45
Acetone	25	NR	23	51
Allyl Chloride (3-Chloropropene)	1.6 U	NR	1.6 U	1.6 U
Benzene	7.4	NR	1.7	3
Benzyl Chloride	1 U	NR	1 U	1 U
Bromodichloromethane	1.3 U	NR	1.3 U	1.3 U
Bromoform	2.1 U	NR	2.1 U	2.1 U
Bromomethane	0.78 U	NR	0.78 U	0.78 U
Butane	NR	120 D	6.6	25
Carbon Disulfide	8	NR	4.1	1 J
Carbon Tetrachloride	0.3	NR	0.17 J	0.31
Chlorobenzene	0.92 U	NR	0.92 U	0.92 U
Chlorodifluoromethane	1 J	NR	0.69 J	1.2 J
Chloroethane	1.3 U	NR	1.3 U	1.3 U
Chloroform	0.94 J	NR	0.44 J	3.8
Chloromethane	1 U	NR	1 U	0.45 J
Cis-1,2-Dichloroethylene	0.4 B	NR	0.2 U	0.2 U
Cis-1,3-Dichloropropene	0.91 U	NR	0.91 U	0.91 U
Cyclohexane	82	NR	1.1	0.35 J
Cymene	1.3	NR	1.1 U	0.44 J
Dibromochloromethane	1.7 U	NR	1.7 U	1.7 U
Dichlorodifluoromethane	2.9	NR	8.2	2.4 J
Ethylbenzene	18	NR	2.1	3.3
Hexachlorobutadiene	2.1 U	NR	2.1 U	2.1 U
Isopropanol	12 U	NR	12 U	12 U
Isopropylbenzene (Cumene)	22	NR	3.1	4.9
M,P-Xylenes	43	NR	6.8	11
Methyl Ethyl Ketone (2-Butanone)	2.1	NR	1.5	4.3
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2 U	NR	2 U	2 U
Methyl Methacrylate	2 U	NR	2 U	2 U
Methylene Chloride	1.7 U	NR	0.69 J	1.7 U
Naphthalene	2 U	NR	2 U	2 U
N-Butylbenzene	1.2	NR	1.1 U	0.64 J
N-Heptane	NR	230 D	1.3	4.1
N-Hexane	79	NR	2.3	13
N-Propylbenzene	31	NR	13	24
O-Xylene (1,2-Dimethylbenzene)	15	NR	4.8	9
Sec-Butylbenzene	1.9	NR	1.1 U	0.3 J
Styrene	0.85 U	NR	0.41 J	0.26 J
T-Butylbenzene	0.94 J	NR	1.1 U	1.1 U
Tert-Butyl Alcohol	15 U	NR	15 U	7.4 J
Tert-Butyl Methyl Ether	0.72 U	NR	0.72 U	0.72 U
Tetrachloroethylene (PCE)	70	NR	12	8
Tetrahydrofuran	15 U	NR	15 U	15 U
Toluene	7.6	NR	3.6	4.6
Trans-1,2-Dichloroethene	0.44 J	NR	0.79 U	0.17 J
Trans-1,3-Dichloropropene	0.91 U	NR	0.91 U	0.91 U
Trichloroethylene (TCE)	6.1	NR	0.21	0.2 U
Trichlorofluoromethane	1.4	NR	1.1	1.3
Vinyl Bromide	0.87 U	NR	0.87 U	0.87 U
Vinyl Chloride	0.2 U	NR	0.2 U	0.2 U
Xylenes, Total	58	NR	12	20

Tables 1-15
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Subsurface Investigation
Notes

DEFINITIONS

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

D : Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.

H : Sample result is estimated and biased high.

J : The concentration given is an estimated value.

ND : The standard is a non-detectable concentration by the approved analytical method

NR : Not reported.

NS : No standard.

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

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

mg/kg : milligrams per kilogram

mg/L : milligrams per liter

ppb : parts per billion

ppt : parts per trillion

µg/L : micrograms per liter

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

STANDARDS

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

Exceedances of Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) are highlighted in gray shading.

NYSDEC Part 375 PFAS Guidance Values : New York State Department of Environmental Conservation (NYSDEC) Sampling, Analysis and Assessment Of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs Issued April 2023.

Exceedances of NYSDEC PFAS Unrestricted Use Guidance Values (UUGVs) are highlighted in bold font.
Exceedances of NYSDEC PFAS Restricted Residential Guidance Values (RRGVs) are highlighted in gray shading.

EPA Hazardous Waste Criteria by TCLP : Protection of Environment. Chapter I - United States Environmental Protection Agency. Subchapter I - Solid Wastes. Part 261 - Identification And Listing Of Hazardous Waste.
Subpart C - Characteristics Of Hazardous Waste. § 261.24 (b)
Table 1—Maximum Concentration of Contaminants for the Toxicity Characteristic

Exceedances of the EPA Hazardous Waste Criteria are highlighted in bold font and gray shading.

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

Exceedances of NYSDEC Class GA AWQSGVs are highlighted in bold font.

DUPLICATES

MW-0X_20241227 is a blind duplicate of sample MW-03_20241227
SB-X1_2-4_20241218 is a blind duplicate of sample SB-09_2-4_20241218
SB-X2_2-4_20241218 is a blind duplicate of sample SB-11_2-4_20241218