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

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13453-01

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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.

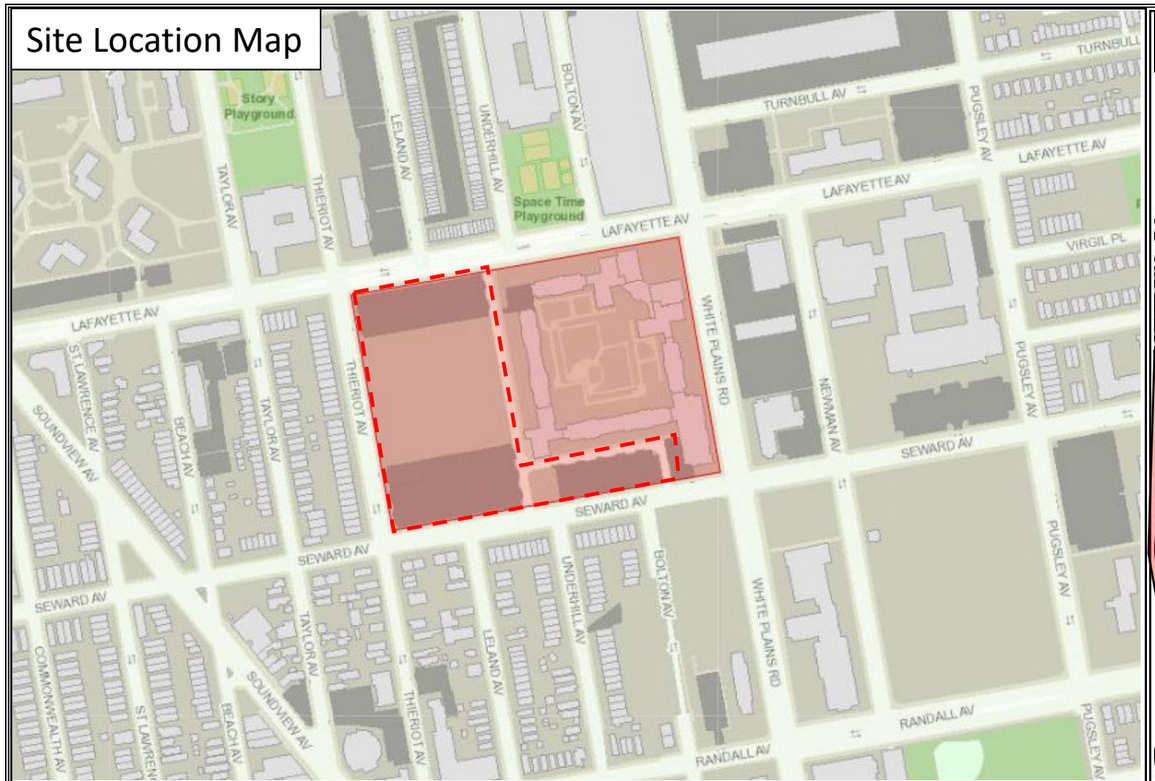
Sufficient analytical data were gathered during the Phase II ESA to establish soil cleanup levels and to develop a remedy for the site. The final remedy will be detailed in the forthcoming RAWP. The remedy will address historic fill impacted with metals and SVOCs, and potential vapor intrusion concern at future buildings.

Figures

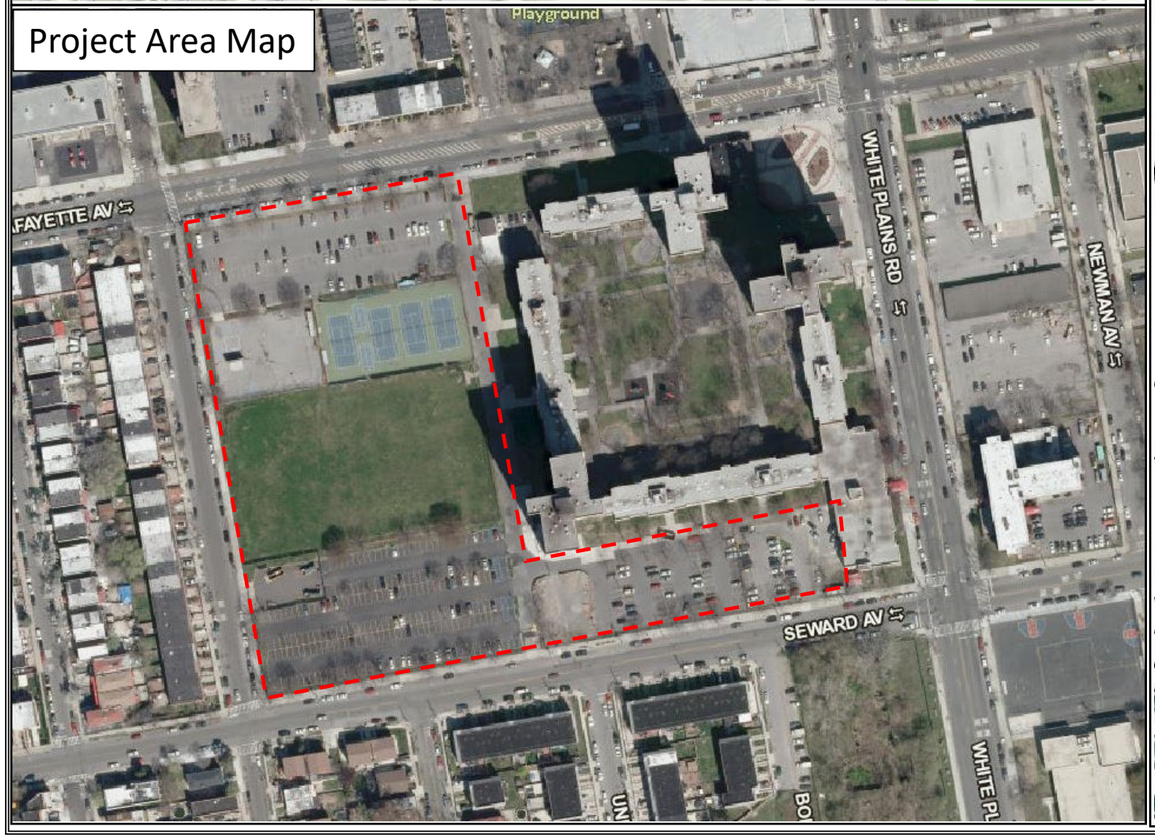
1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
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Bohemia, New York 11716
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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	

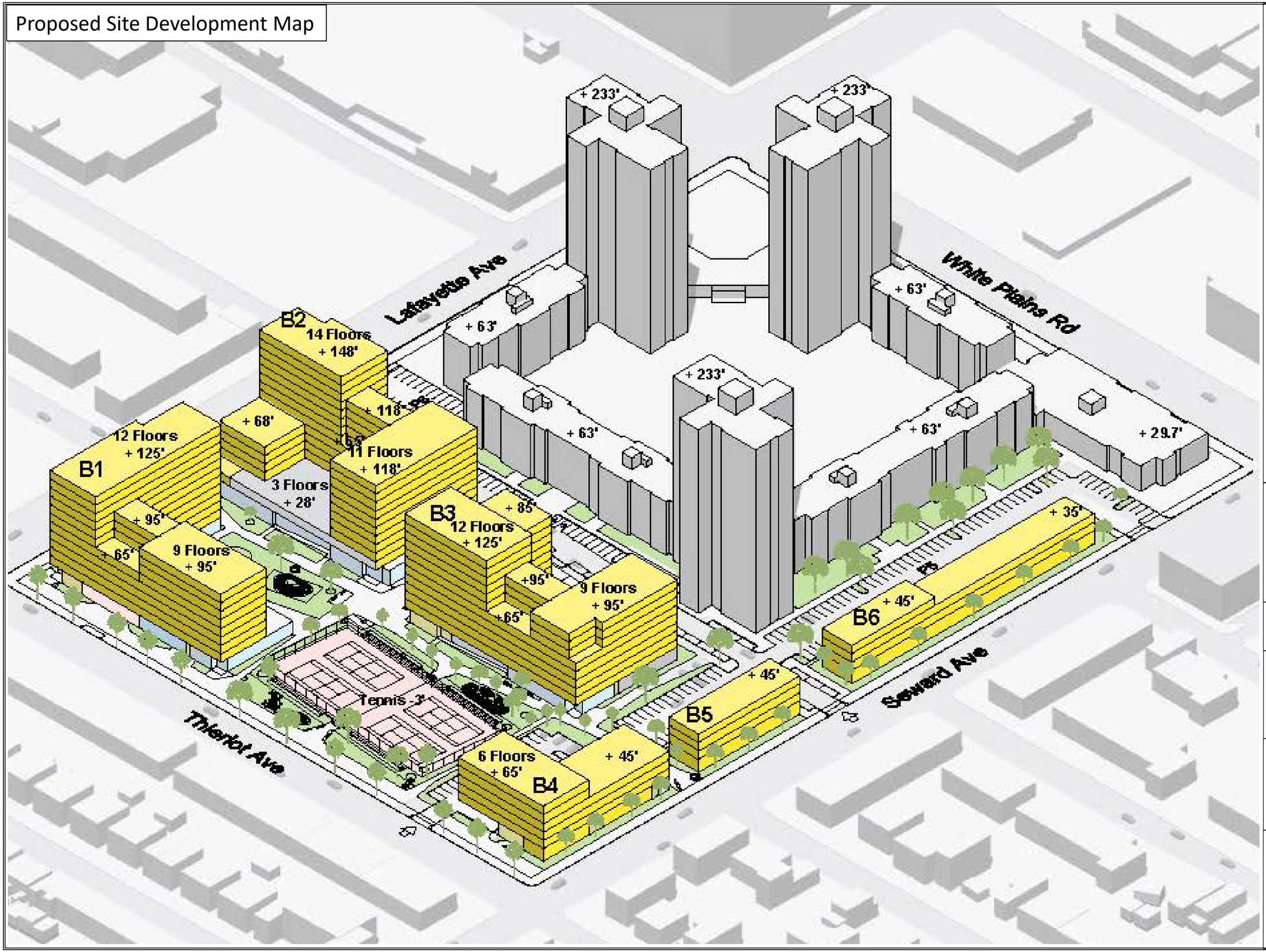
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Not to scale

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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)

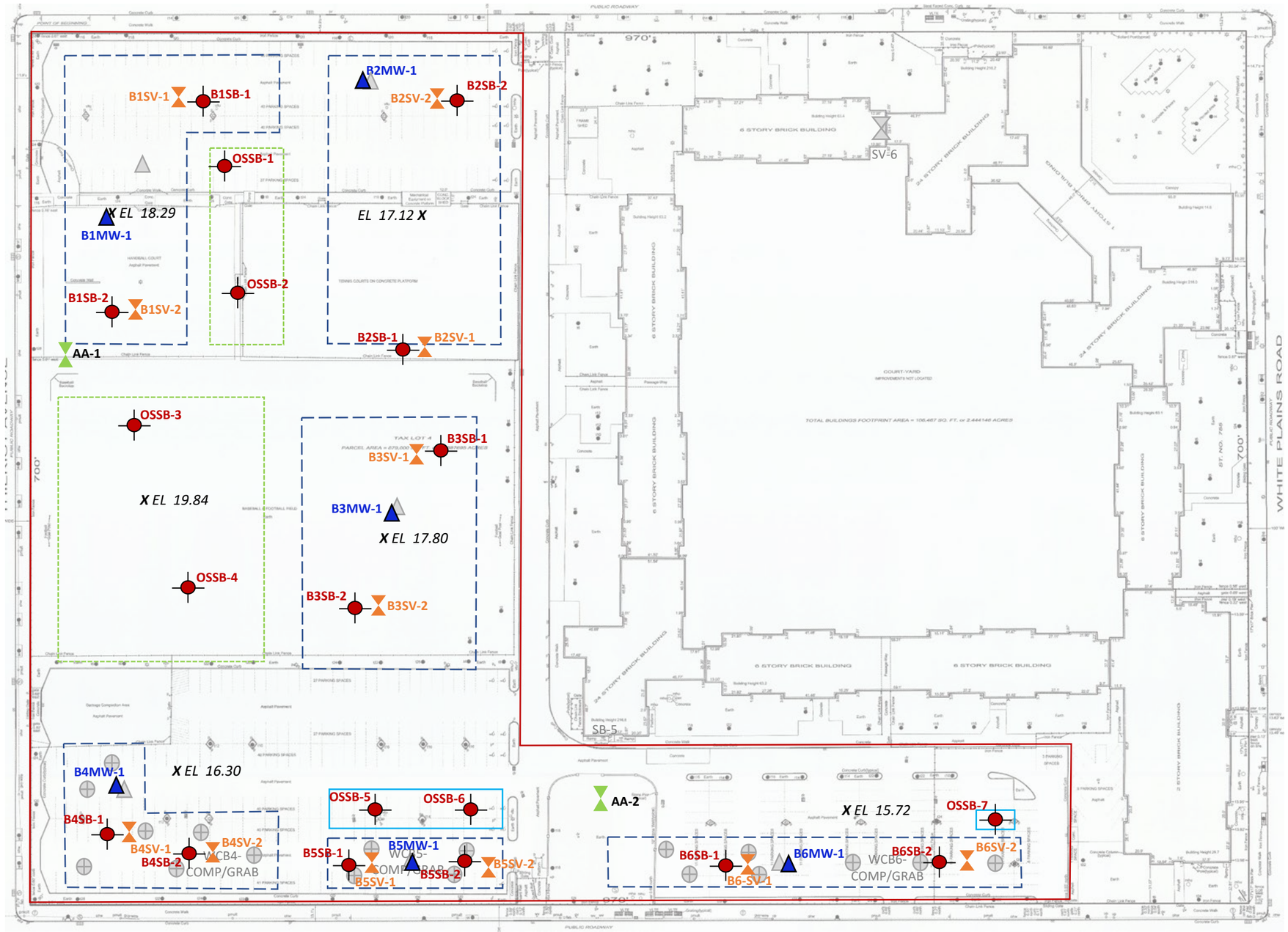
Figure 2

Project #:	13435
Drawn By:	DF
Checked By:	GMC
Date:	1/27/21
Revisions	

Not to scale

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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.

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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	-

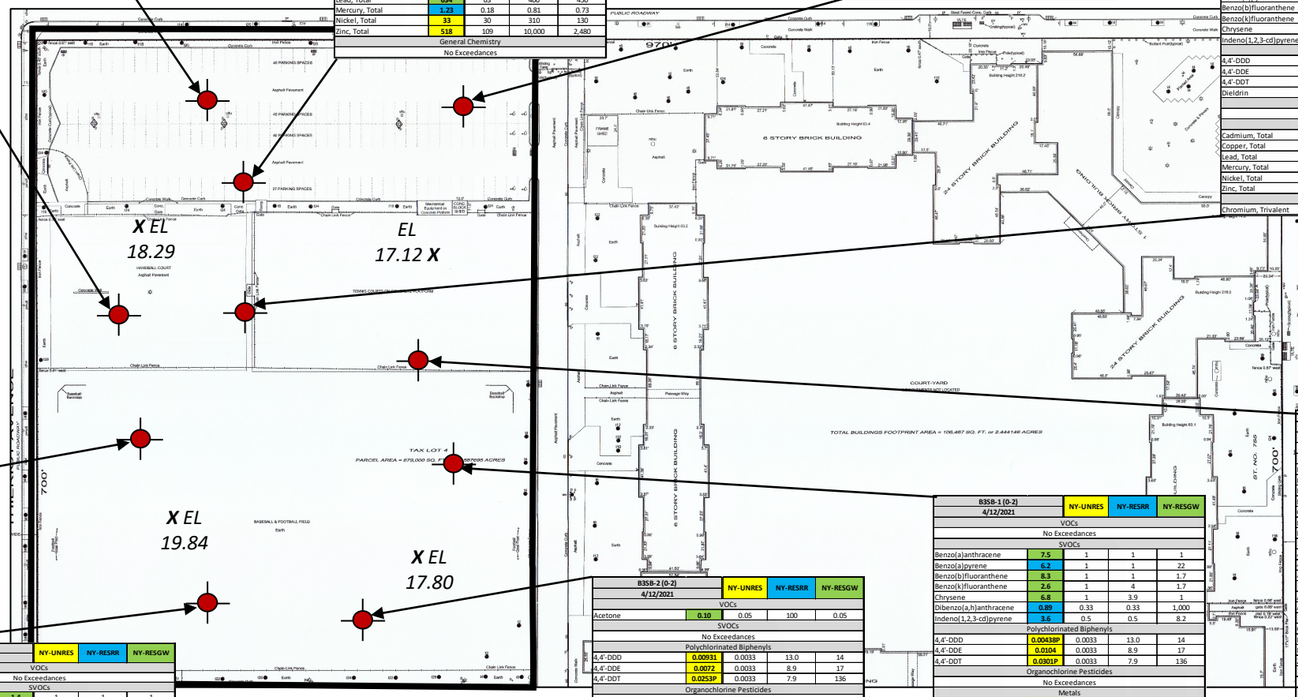
B3SB-2 (8-10) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
Acetone	0.074	0.05	100	0.05
SVOCs			
Benzo(a)anthracene	2.0	1	1	1
Benzo(a)pyrene	1.7	1	1	22
Benzo(b)fluoranthene	2.2	1	1	1.7
Benzo(k)fluoranthene	0.84	0.8	4	1.7
Chrysene	1.9	1	3.9	1
Indeno(1,2,3-cd)pyrene	0.99	0.5	0.5	8.2
Polychlorinated Biphenyls			
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	-

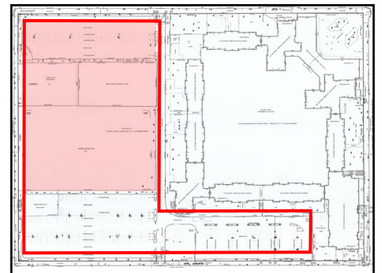
B3SB-1 (0-2) 4/12/2021	NY-UNRES	NY-RESRR	NY-RESGW
VOCs			
No Exceedances			
SVOCs			
Benzo(a)anthracene	7.5	1	1	1
Benzo(a)pyrene	6.2	1	1	22
Benzo(b)fluoranthene	8.3	1	1	1.7
Benzo(k)fluoranthene	2.6	1	4	1.7
Chrysene	6.8	1	3.9	1
Dibenzo(a,h)anthracene	0.89	0.33	0.33	1,000
Indeno(1,2,3-cd)pyrene	3.6	0.5	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	-

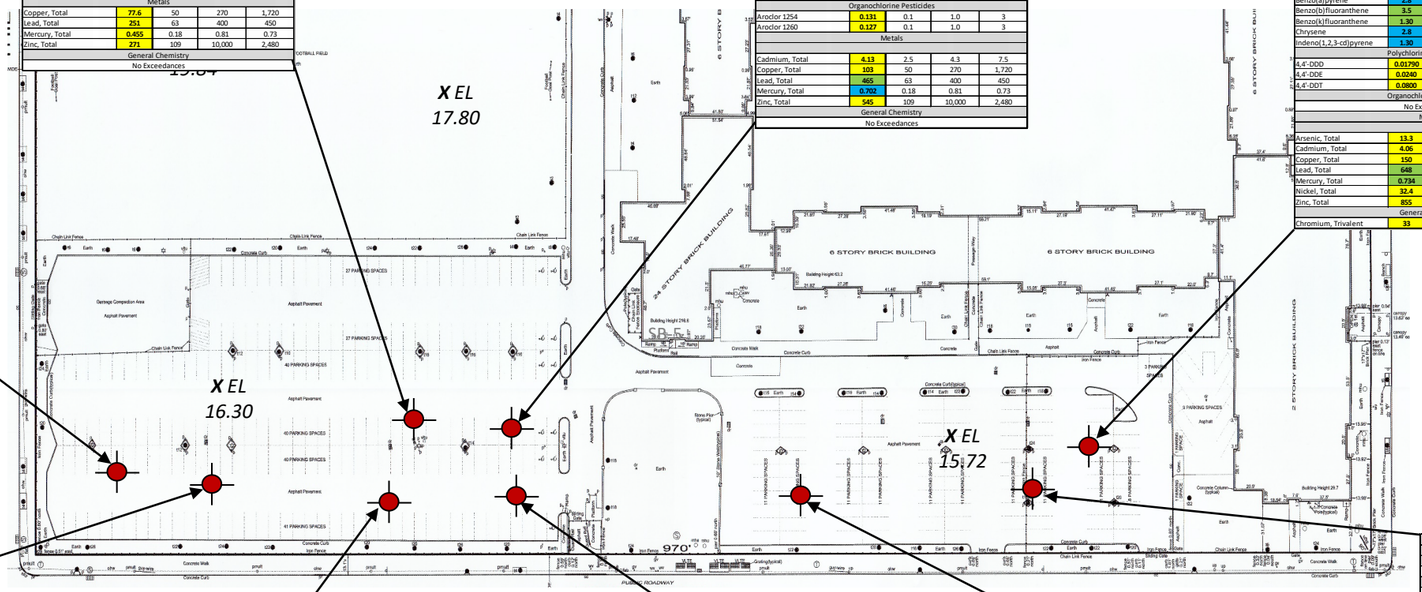
B5SB-2 (8-10) 4/13/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
Acetone	0.28	0.05	100	0.05
SVOCs				
Benzo(a)anthracene	11.0	1	1	1
Benzo(a)pyrene	9.0	1	1	22
Benzo(b)fluoranthene	12.0	1	1	1.7
Benzo(k)fluoranthene	4.20	0.8	4	1.7
Chrysene	9.8	1	3.9	1
Dibenzo(a,h)anthracene	1.30	0.33	0.33	1,000
Indeno(1,2,3-cd)pyrene	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				

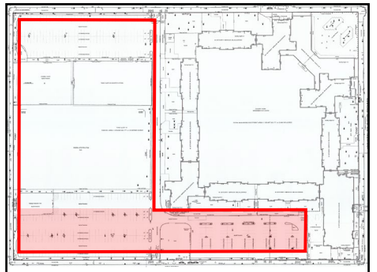
B6SB-1 (0-2) 4/14/2021	NY-UNRES	NY-RESRR	NY-RESGW	
VOCs				
No Exceedances				
SVOCs				
Benzo(a)anthracene	13.0	1	1	1
Benzo(a)pyrene	9.9	1	1	22
Benzo(b)fluoranthene	15.0	1	1	1.7
Benzo(k)fluoranthene	4.90	0.8	4	1.7
Chrysene	12.0	1	3.9	1
Dibenzo(a,h)anthracene	1.2 J	0.33	0.33	1,000
Indeno(1,2,3-cd)pyrene	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
TEL (631) 269-8800
FAX (631) 269-1599

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

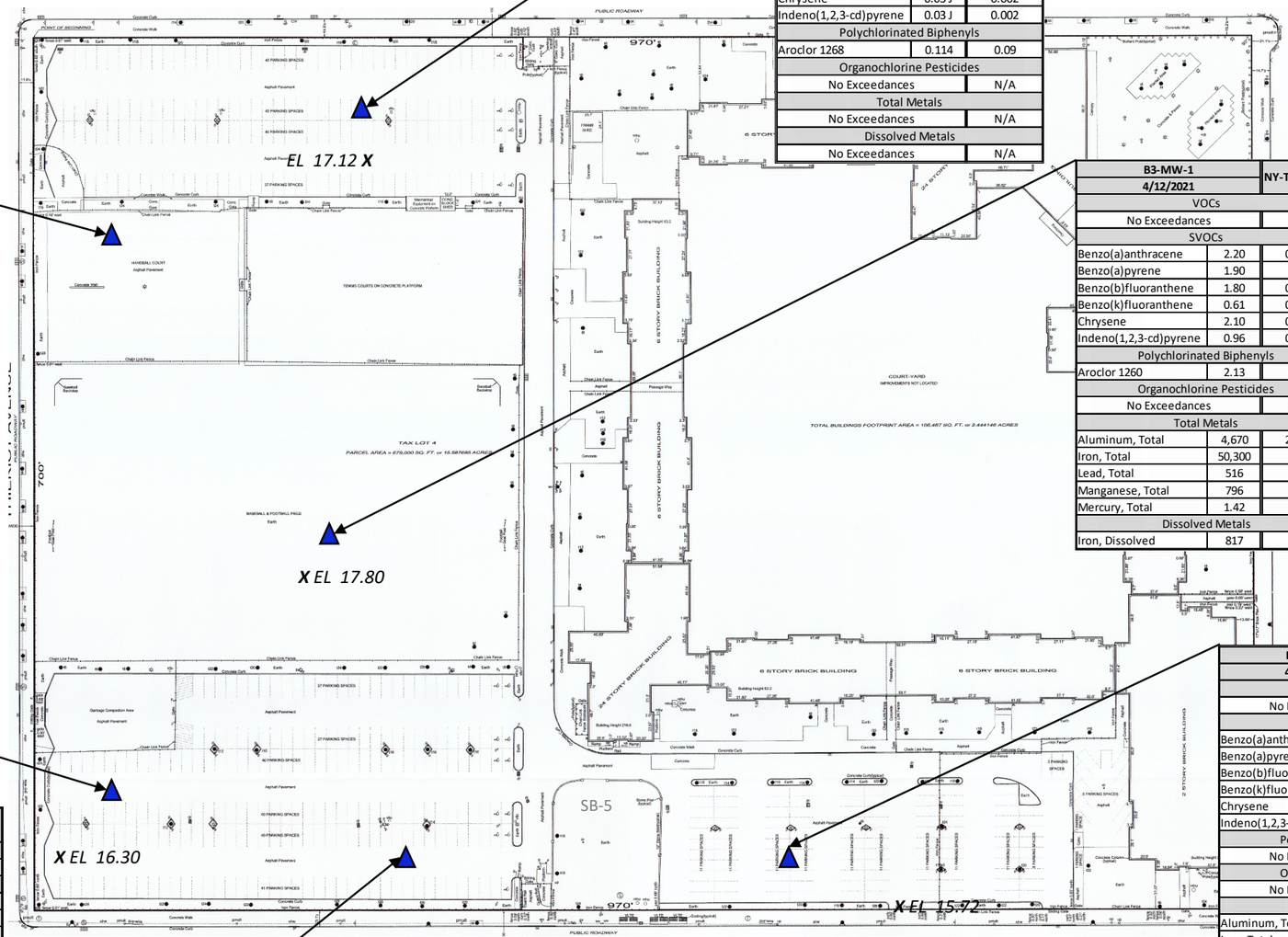
B2-MW-1 4/12/2021		NY-TOGS-GA
VOCs		
No Exceedances		N/A
SVOCs		
Benzo(a)anthracene	0.04 J	0.002
Benzo(a)pyrene	0.03 J	0
Benzo(b)fluoranthene	0.05 J	0.002
Benzo(k)fluoranthene	0.02 J	0.002
Chrysene	0.03 J	0.002
Indeno(1,2,3-cd)pyrene	0.03 J	0.002
Polychlorinated Biphenyls		
Aroclor 1268	0.114	0.09
Organochlorine Pesticides		
No Exceedances		N/A
Total Metals		
No Exceedances		N/A
Dissolved Metals		
No Exceedances		N/A

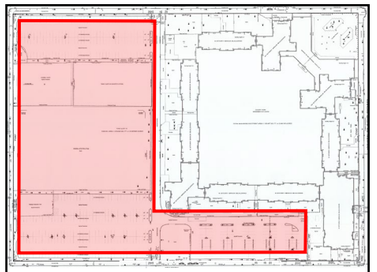
B3-MW-1 4/12/2021		NY-TOGS-GA
VOCs		
No Exceedances		N/A
SVOCs		
Benzo(a)anthracene	2.20	0.002
Benzo(a)pyrene	1.90	0
Benzo(b)fluoranthene	1.80	0.002
Benzo(k)fluoranthene	0.61	0.002
Chrysene	2.10	0.002
Indeno(1,2,3-cd)pyrene	0.96	0.002
Polychlorinated Biphenyls		
Aroclor 1260	2.13	0.09
Organochlorine 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
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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

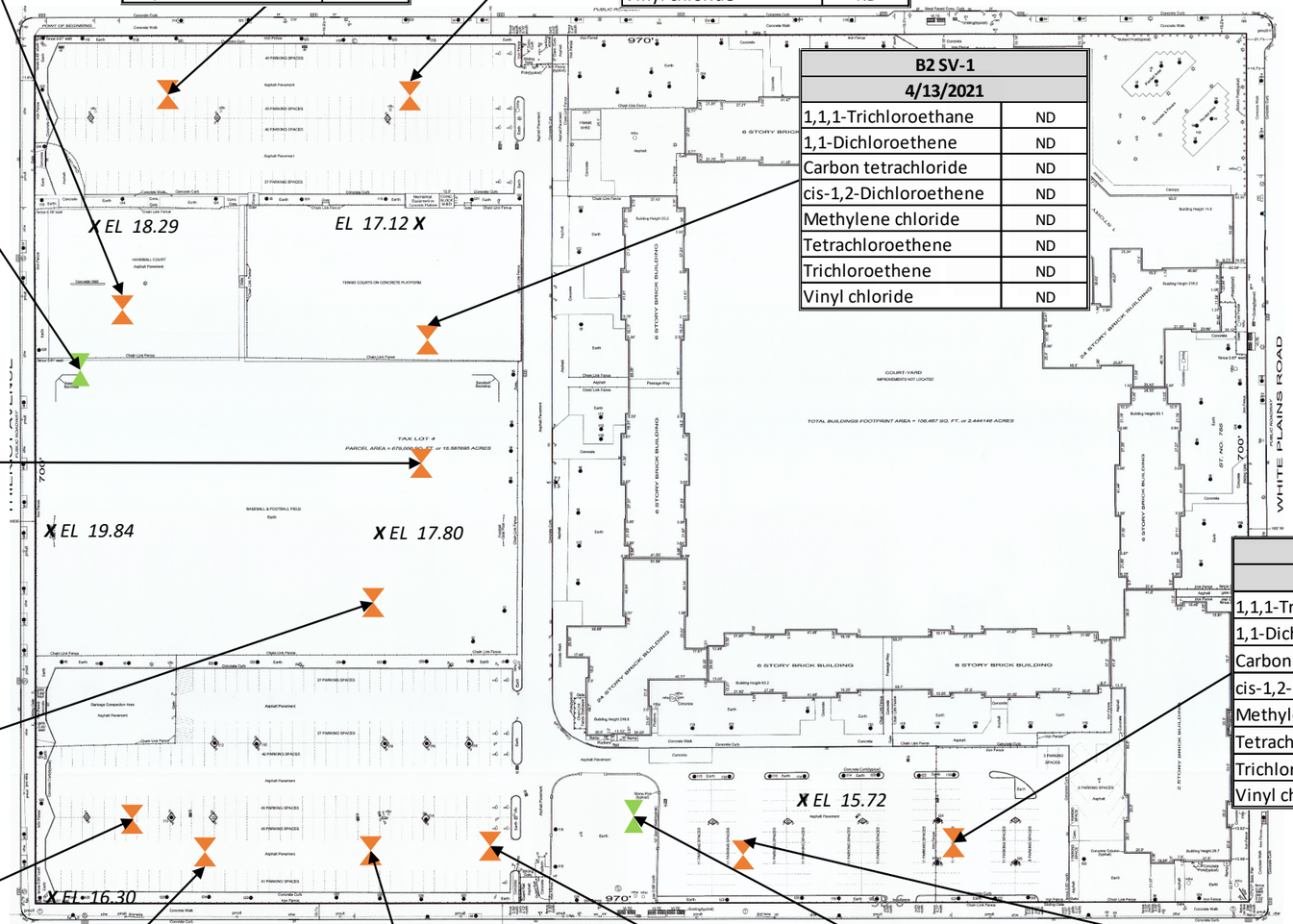
B3 SV-2	
4/13/2021	
1,1,1-Trichloroethane	ND
1,1-Dichloroethene	ND
Carbon tetrachloride	ND
cis-1,2-Dichloroethene	ND
Methylene chloride	2.13
Tetrachloroethene	25.6
Trichloroethene	4.26
Vinyl chloride	ND

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

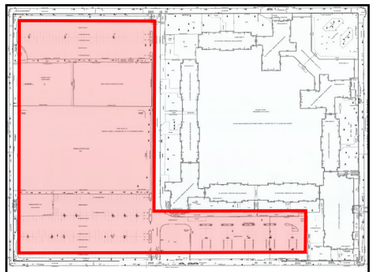
B6 SV-1	
4/14/2021	
1,1,1-Trichloroethane	ND
1,1-Dichloroethene	ND
Carbon tetrachloride	ND
cis-1,2-Dichloroethene	ND
Methylene chloride	ND
Tetrachloroethene	3.43
Trichloroethene	ND
Vinyl chloride	ND

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

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Tables

1850 Lafayette Avenue, Bronx, NY

IMPACT ENVIRONMENTAL
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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
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	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	0.00787JP	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
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	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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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	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

Grey Shaded indicate value above RL but below MDL
Color Shaded indicate value exceeding Regulatory Standards
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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	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
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

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
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Bohemia, New York 11716
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FAX: (631) 269-1599

Vincent Sapienza, P.E.
Commissioner

Angela Licata
Deputy Commissioner of Sustainability

59-17 Junction Blvd.
Flushing, NY 11373

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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

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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.

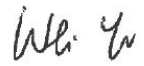
Based upon our review of the submitted documentation, we have the following comments and recommendations to DCP:

- 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
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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

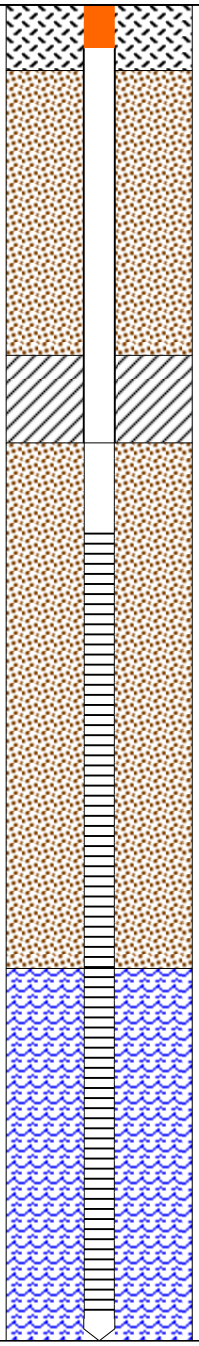
Groundwater Interface

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

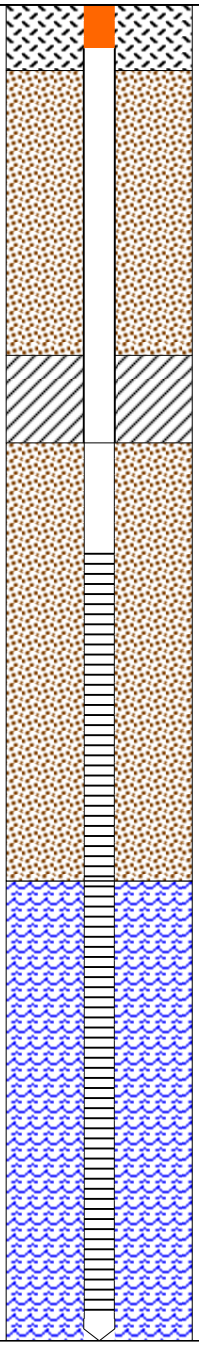
10.0 — Groundwater Interface

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

IMPACT ENVIRONMENTAL
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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

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

IMPACT ENVIRONMENTAL
welcome to solid ground...
1000 Page Ave | Lyndhurst | NJ | 07071 | 201.268.5686
www.impactenvironmental.com

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
Bohemia, New York 11716
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).

Eight Walkup Drive, Westborough, MA 01581-1019
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
Project Number: 13453 **Report Date:** 04/20/21

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

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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(*)
L2119400-14B	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

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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(*)
L2119400-17E	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

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(*)
L2119400-24E	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

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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 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

Westborough, MA 01581
8 Walkup Dr.
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FAX: 508-898-9193

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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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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

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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).

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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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

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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.