Phase II Environmental Site Assessment

Commercial Property

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Yonkers, New York 10701

PREPARED FOR

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1.0
Introduction

VHB has prepared this report to document the results of the Phase II Environmental Site Assessment (ESA) conducted in October 2018 at the commercial property located on the east side of the Hudson River, on the west side of Alexander Street, between Ashburton Avenue to the north and Wells Avenue to the south, in the City of Yonkers, Westchester County, New York (hereinafter referred to as the "subject property"). The subject property is identified by the street address of 57 Alexander Street, and as Section 2 – Block 2610 – Lot Nos. 50, 53 and 57 and Section 2 – Block 2605 – Lot No. 51 on the City of Yonkers tax maps. A site location map and aerial photograph are provided as Figures 1 and 2 in Attachment A.

As part of a Phase I ESA prepared by VHB dated December 30, 2016 (provided under separate cover), VHB was able to establish a history of the subject property dating back to 1898 when the subject property was utilized for boat storage and maintenance. By 1917, the western portions of the subject property were filled, extending the shoreline westward into the Hudson River. It appears that a bulkhead has been in place since at least 1917. The subject property has been developed since at least 1898 and improved with multiple structures (former and existing). Known site uses include: boat storage and maintenance, stage lighting manufacturing, automotive repairs (mechanical and auto body), automotive parking lot, office space, restaurant, and residential.

Based on the results of the Phase I ESA, it was determined that there were six (6) recognized environmental conditions (RECs) identified for the subject property. RECs are defined as "*the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property due to any release to the environment under conditions indicative of a release to the environment under conditions that pose a material threat of a future release to the environment.*" The identified RECs are summarized as follows:

- Elevated naphthalene concentration noted in groundwater monitoring well prior to closure of New York State Department of Environmental Conservation (NYSDEC) Spill No. 07-02708.

- Undocumented subsurface conditions associated with abandoned in-place 550-gallon underground storage tank (UST) related to NYSDEC Spill No. 12-03845.

- Prior to 1917, the western portions of the subject property consisted of coastline and was underwater prior to being filled and bulkheaded. No representation could be made with respect to historic fill materials utilized on the subject property associated with the build-out of the subject property. As such, there is a potential for impacted fill materials to be present.

- Multiple buildings formerly occupied the western portions of the subject property. There is no information indicating if there were USTs or onsite sanitary systems associated with these structures. Based upon the unknown statuses, there is a potential for underlying soil and groundwater associated with these structures to be impacted.

- There is a potential for an on-site floor drain observed in a prior Phase I ESA and confirmed by VHB to still be present to discharge in situ.

- Documented on-site conditions and proximately located properties have the potential to have impaired on-site groundwater conditions and a vapor encroachment condition (VEC) cannot be ruled out.

In addition to the aforementioned RECs, the following business environmental risks (BERs) were identified during the course of the 2016 Phase I ESA:

- Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRMs) were reviewed to determine if the subject property is located within the 100-year or 500-year flood zones. The FIRM showing the subject property (No. 36119C0309F) indicates that portions of the subject property are located within the flood zone AE with a base flood elevation determined at seven feet above mean sea level (amsl). This indicates that there is a significant risk of flooding at the subject property.

- The subject property is located along the eastern bank of the Hudson River. As such, wetland permitting and/or setbacks may be required for future on-site redevelopment.

- Based upon the likely shallow groundwater conditions at the subject property, on-site stormwater likely discharges into the Hudson River as well as the City of Yonkers storm sewer system.

- Based upon the ages of the on-site buildings there is a potential for asbestos containing material (ACM) and lead-based paint (LBP) to be present.

The purpose of this investigation was to determine whether former, onsite or offsite activities had adversely affected the subject property's subsurface. The scope of this investigation was based on the VHB's aforementioned 2016 Phase I ESA conducted at the subject property. VHB performed the comprehensive Phase II ESA over a three-day period (October 9, 10 and 11, 2018). The Phase II ESA and results are summarized in the sections, below. Site figures are provided in Attachment A, tables referenced are provided in Attachment B, and site photographs are provided in Attachment F.

2.0

Site Investigation

The subject property consists of three rectangular-shaped and one irregular-shaped contiguous tax parcels located on the east bank of the Hudson River and on the west side of Alexander Street between Ashburton Avenue to the north and Wells Avenue to the south, in the City of Yonkers, Westchester County, New York. The subject property is improved with five industrial warehouse buildings and two storage sheds located on approximately 4.26± acres[1], as depicted on Figures 1 and 2 in Attachment A.

The topography of the subject property and surrounding area generally slopes downward toward the Hudson River. Based on the United States Geological Survey Yonkers, New York Quadrangle map, the topographic elevation of the subject property ranges from approximately nine feet above mean sea level (amsl) in the eastern portion of the subject property to approximately three feet amsl in the western portion of the subject property. Bedrock was not encountered during the course of the Phase II ESA. Given the subject property's proximity to the Hudson River, it was expected that groundwater beneath the site is relatively shallow. Additionally, as the Hudson River is a tidal river, the depth to groundwater beneath the subject property is likely tidally influenced and varies. However, it should also be noted that the western portion of the subject property is improved with a bulkhead, which may also affect the depth of groundwater and tidal fluctuations beneath the site.

2.1 Geophysical Survey

A geophysical survey was conducted at the subject property. On October 9, 2018, X-Ray Locating Service, Inc. (X-Ray) conducted a geophysical survey with direction

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[1] It should be noted that the western portions of the subject property consist of underwater land that is beneath the Hudson River. For purposes of this Phase II ESA, this portion of the subject property is not included in the subject property's total acreage.

provided by VHB personnel. X-Ray utilized geophysical survey equipment (i.e., magnetometer, ground penetrating radar [GPR], radio frequency [RF] line tracers and fiber-optic cameras) to identify the locations of sub-grade site features throughout the subject property. Specifically, the geophysical survey was conducted within exterior areas to identify any potential subgrade features or utilities, tank graves, underground injection control (UIC) structures and to clear boring locations prior to the subsurface investigation.

A VHB Project Scientist was present during the geophysical survey to log pertinent information (e.g., locations, dimensions, volumes, contents, etc.) of the identified sub-grade utility lines, at-grade drainage structures, and tank graves. A total of two (2) at grade storm drains were identified on the southwestern portions of the subject property and were confirmed to discharge into the Hudson River. In addition, the location of the abandoned-in-place 550-gallon UST and 5,000-gallon No. 2 fuel oil UST grave were identified. Furthermore, the following structures were determined to drain into the municipal sewer system:

- One (1) interior floor drain located within the northeastern portions of the structure identified as Building D on Figure 2.
- One (1) exterior area drain located to the west of the structure identified as Building E.
- One (1) interior floor drain located within the eastern portions of Building E.
- One (1) interior floor drain located within the utility room of Building E.

2.2 Spill Investigation

A soil boring program was implemented at the subject property to adequately identify/characterize the following:

- Soils potentially impacted by the former 5,000-gallon No. 2 fuel oil UST on the central portions of the subject property (closed NYSDEC Spill No. 07-02708);
- Soils potentially impacted by the abandoned-in-place 550-gallon UST on the northwestern portion of the subject property (closed NYSDEC Spill No. 12-03845); and
- Soils potentially impacted by former subject property operations.

In order to evaluate the above-referenced areas of concern, ten (10) soil borings (designated as B-4, B-5, B-6, B-10, B-11, B-12, B-13, B-14, B-15 and B-16), as depicted on Figure 3 in Attachment A, were pre-cleared during the geophysical survey.

The soil borings were installed utilizing a Geoprobe® 7822DT Direct push drill rig. All field equipment associated with the Geoprobe® was decontaminated between boring locations using an Alconox detergent/potable water wash and potable water rinse. At

a minimum, each boring was advanced to a terminal depth of the associated UST/UST grave, which was confirmed during the geophysical survey and based upon the observed soil lithology.

Soil borings were proposed at a minimum depth of 10-feet below grade surface (bgs), approximately one-to-five feet below the groundwater table. Continuous soil samples were collected utilizing factory-new macrocore soil sampling tubes from each soil boring location from the surface to the terminal boring depth. Ten (10) soil samples were collected and submitted for laboratory analysis in association with the ten (10) soil borings (i.e., one soil sample per boring location). Each sample was collected from the most potentially impacted interval of each boring. Soil impacts were observed and evaluated for suspect characteristics (e.g., staining, odors, positive photoionization [PID] responses,[2] etc.). Soil lithology and characteristics are included in soil boring logs, provided in Attachment D of this Phase II ESA.

All soil samples were collected in accordance with the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER)-10 *Technical Guidance for Site Investigation and Remediation*, and were transferred directly into laboratory-supplied glassware, stored in an ice-packed cooler and transported to Alpha Analytical Laboratories, Inc. (Alpha), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) and National Environmental Laboratory Accreditation Program (NELAP)-approved laboratory under appropriate chain-of-custody protocols. Spill Investigation soil samples were analyzed for the following analyses:

- Total Compound List (TCL) volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) Method 8260;
- TCL semi-volatile organic compounds (SVOCs) using USEPA Method 8270;
- Target Analyte List (TAL) metals using USEPA Method 6010 and 7471;
- Pesticides using USEPA Method 8081; and
- Polychlorinated biphenyls (PCBs) using USEPA Method 8082.

Spill investigation soil analytical data were tabulated into Table 1 in Attachment B (with laboratory analytical data sheets included in Attachment C of this Phase II ESA). Spill investigation soil sampling results were compared to NYSDEC 6 NYCRR Part 375 Table 375-6.8(a) Unrestricted Use Soil Cleanup Objectives, June 2006 (UUSCOs) for evaluating residential-use thresholds and NYSDEC 6 NYCRR Part 375 Table 375-6.8(b) Restricted Use Restricted-Residential Soil Cleanup Objectives, June 2006 (RRSCOs) for evaluating residential-use thresholds[3].

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[2] A PID is a portable field instrument capable of detecting a wide range of volatile organic compounds (VOCs).

[3] It should be noted that several VOCs, SVOCs, metals, PCBs, and pesticides were identified in the laboratory analytical data in which laboratory method detection limits (MDLs) were higher than their respective NY Part 375 UUSCOs. Thus, there is a potential for trace or minor concentrations of the respective analytes to be present in the samples above UUSCOs. However, it should be noted that matrix interference in samples from non-target compounds and analytes can contribute to elevated MDLs and do not represent an exceedance of a standard.

A summary of findings along with laboratory data results is provided in the subsections, below, as well as on Figure 4 in Attachment A.

2.2.1 Soil Borings B-4, B-5 and B-6

Soil borings B-4, B-5 and B-6 were installed in and around the location of the previously removed 5,000-gallon No. 2 fuel oil UST located on the central portions of the subject property. These locations served to investigate current subsurface conditions of soils associated with closed NYSDEC Spill No. 07-02708. Given the assumed groundwater flow direction to the west-southwest, VHB installed the following soil borings:

- B-4: located to the south-southwest, or "crossgradient," of the 5,000-gallon No. 2 fuel oil UST grave;
- B-5: located within the 5,000-gallon No. 2 oil UST grave;
- B-6 located to the west, or "downgradient," of the 5,000-gallon No. 2 oil UST grave.

Soil borings were advanced to a depth of 10 feet bgs. VHB collected one soil sample from the most impacted interval (nine to 10 feet bgs) of each soil boring and submitted same for laboratory analysis. Soil boring logs can be found in Attachment D of this Phase II ESA.

2.2.1.1 Soil Analytical Results

Soil Boring B-4 (9-10')

As indicated on Table 1 in Attachment B, no VOCs, pesticides or PCBs were detected at concentrations that exceed their respective UUSCOs in soil boring B-4.

Eleven (11) SVOCs were detected at concentrations exceeding their respective SCOs. Fluorene (57 milligrams per kilogram [mg/kg]) and naphthalene (86 mg/kg) were detected at concentrations exceeding their UUSCOs of 30 mg/kg and 12 mg/kg, respectively. Benzo(a)anthracene (51 mg/kg), benzo(a)pyrene (29 mg/kg), benzo(b)fluoranthene (30 mg/kg), chrysene (51 mg/kg), dibenzo(a,h)anthracene (2.9 mg/kg), and indeno(1,2,3-cd)pyrene (10 mg/kg) were detected at concentrations exceeding their respective RRSCOs by at least one order of magnitude. In addition, benzo(k)fluoranthene (8.5 mg/kg), phenanthrene (260 mg/kg), and pyrene (140 mg/kg) were also detected at concentrations exceeding their respective RRSCOs.

Four (4) metals, specifically copper (108 mg/Kg), lead (232 mg/Kg), zinc (382 mg/Kg) and mercury (0.37 mg/Kg) were detected at concentrations exceeding their respective UUSCOs of 50 mg/kg, 63 mg/kg, 109 mg/kg, and 0.18 mg/kg, respectively.

Soil Boring B-5 (9-10')

As indicated on Table 1 in Attachment B, no VOCs, SVOCs, pesticides or PCBs were detected at concentrations that exceed their respective UUSCOs in soil boring B-5.

Six (6) metals, specifically arsenic (15.7 mg/Kg), cadmium (10.5 mg/kg), copper (166 mg/Kg), lead (1,060 mg/Kg), zinc (4,610 mg/Kg) and mercury (27.4 mg/Kg) were detected at concentrations exceeding their respective UUSCOs. In addition, three (3) of the six (6) aforementioned metals, specifically cadmium, lead and mercury, were also detected at concentrations exceeding their respective RRSCOs of 4.3 mg/kg, 400 mg/kg and 0.81 mg/kg, respectively.

Soil Boring B-6 (9-10')

As indicated on Table 1 in Attachment B, no pesticides or PCBs were detected at concentrations that exceed their respective UUSCOs in soil boring B-6.

One (1) VOC, specifically acetone[4], was detected at a concentration of 0.33 mg/Kg, exceeding its respective UUSCO of 0.05 mg/Kg. In addition, one (1) SVOC, specifically 3-Methylphenol/4-Methylphenol, was detected at 0.57 mg/Kg, exceeding its respective UUSCO of 0.33 mg/Kg. Four (4) metals, specifically cadmium (5.68 mg/kg), lead (760 mg/Kg), zinc (2,770 mg/Kg) and mercury (1.38 mg/Kg) were detected at concentrations exceeding their respective UUSCOs and/or RRSCOs.

2.2.2 **Soil Borings B-10, B11 and B-12**

Soil borings B-10, B-11 and B-12 were installed in and around the location of the abandoned-in-place 550-gallon UST and former auto repair facility on the northeastern portions of the subject property. These locations served to investigate current subsurface conditions of soils associated with closed NYSDEC Spill No. 12-03845. Given the assumed groundwater flow to the west-southwest, VHB installed the following soil borings:

- B-10 located west (downgradient) of the abandoned-in-place 550-gallon UST.
- B-11 located southwest (downgradient) of the abandoned-in-place 550-gallon UST.
- B-12 located proximate to the east of the abandoned-in-place 550-gallon UST.

Soil borings were advanced to a terminal depth of 10 feet bgs. VHB collected one (1) soil sample from the most potentially impacted interval of each soil boring and

[4] The detection of acetone is likely a laboratory artifact, and as such, should not be considered representative of subsurface conditions.

submitted same for laboratory analysis. Sampling depths can be found in Attachment D of this Phase II ESA.

2.2.2.1 **Soil Analytical Results**

Soil Boring B-10 (6-8')

As indicated on Table 1 in Attachment B, no VOCs, SVOCs, pesticides or PCBs were detected at concentrations that exceed their respective UUSCOs in soil boring B-10.

Six (6) metals were detected at concentrations exceeding their respective UUSCOs. Specifically, arsenic (13 mg/Kg), copper (89.2 mg/Kg), lead (270 mg/Kg), zinc (310 mg/Kg), mercury (0.577 mg/Kg) and hexavalent chromium (1.31 mg/Kg), were detected at concentrations exceeding their respective UUSCOs. However, the concentrations of these metals were within their respective RRSCOs.

Soil Boring B-11 (5-7')

As indicated on Table 1 in Attachment B, no pesticides or PCBs were detected at concentrations that exceed their respective UUSCOs in soil boring B-11.

One VOC, benzene, was detected at a concentration of 0.36 mg/Kg, exceeding its respective UUSCO of 0.06 mg/KG. In addition, six (6) SVOCs were detected at concentrations exceeding their respective UUSCOs. Specifically, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding their respective UUSCOs. In addition, four (4) of the six (6) aforementioned SVOCs (benzo[a]anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo[k]fluoranthene and indeno[1,2,3-cd]pyrene) were also detected at concentrations exceeding their respective RRSCOs. Furthermore, metals were detected at concentrations below their respective UUSCOs, with the exception of mercury. Mercury was detected at a concentration of 1.86 mg/Kg, exceeding its respective RRSCO of 0.81 mg/Kg.

Soil Boring B-12 (5-7')

As indicated on Table 1 in Attachment B, no SVOCs, pesticides or PCBs were detected at concentrations that exceed their respective UUSCOs in soil boring B-12.

Two (2) VOCs, specifically benzene and cis-1,2-dichlooethene, were detected at concentrations of 1.1 mg/Kg and 0.26 mg/Kg, respectively, exceeding their respective UUSCOs of 0.06 mg/Kg and 0.25 mg/Kg. In addition, two (2) metals, specifically lead and mercury, were detected at concentrations of 366 mg/Kg and 0.308 mg/Kg, respectively, exceeding their UUSCOs of 63 mg/Kg and 0.18 mg/Kg. It should be

noted that no VOCs, SVOCs, pesticides, PCBs or metals were detected at concentrations exceeding their respective RRSCOs.

2.2.3 Soil Borings B-13 through B-16

Soil borings B-13, B-14, B-15, and B-16 were installed on the eastern-central and southeastern portions of the subject property in order to determine the integrity of soils potentially impacted by on-site spills (NYSDEC Spill Nos. 07-02708 and 12-03845) and any additional potential on-site or off-site sources.

- B-13 located to the southwest of the abandoned-in-place 550-gallon UST and former on-site auto repair shop.
- B-14 located to the south of the abandoned-in-place 550-gallon UST and former on-site auto repair shop.
- B-15 located on the southeastern portions of the subject property within the school bus parking area.
- B-16 located on the southern-central portions of the subject property within the school bus parking area.

Soil borings were advanced to a minimal depth of 10 feet bgs. VHB collected one (1) soil sample from the most potentially impacted interval of each soil boring and submitted same for laboratory analysis. Sampling depths can be found in Attachment D of this Phase II ESA.

2.2.3.1 Soil Analytical Results

Soil Boring B-13 (5-6')

As indicated on Table 1 in Attachment B, no pesticides or PCBs were detected at concentrations that exceed their respective UUSCOs in soil boring B-13 at five-to-six feet bgs.

One VOC, acetone, was detected at a concentration of 0.15 mg/Kg, exceeding its respective UUSCO of 0.05 mg/Kg. In addition, five (5) SVOCs were detected at concentrations exceeding their respective UUSCOs. Specifically, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene, were detected at concentrations exceeding their respective UUSCOs. In addition, four (4) of the five (5) aforementioned SVOCs (benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, and indeno[1,2,3-cd]pyrene) were also detected at concentrations exceeding their respective RRSCOs. Furthermore, metals were detected at concentrations below their respective UUSCOs, with the exception of

copper. Copper was detected at a concentration of 216 mg/Kg exceeding its respective UUSCO of 50 mg/Kg.

Soil Boring B-14 (6-7')

As indicated on Table 1 in Attachment B, no SVOCs, pesticides, metals or PCBs were detected at concentrations that exceed their respective UUSCOs in soil boring B-14.

One (1) VOC, specifically acetone, was detected at a concentration of 0.12 mg/Kg exceeding its respective UUSCO of 0.05 mg/Kg.

Soil Boring B-15 (9-10')

As indicated on Table 1 in Attachment B, no VOCs, pesticides or PCBs were detected at concentrations that exceed their respective UUSCOs in soil boring B-15 at nine-to-ten feet bgs.

One SVOC, specifically 3-methylphenol/4-methylphenol, was detected at a concentration of 1.1 mg/Kg, exceeding its respective UUSCO of 0.33 mg/Kg. In addition, three (3) metals, specifically arsenic, copper, and lead, were detected at concentrations of 14.4 mg/Kg, 75.1 mg/Kg and 272 mg/Kg, respectively, exceeding their UUSCO of 13 mg/Kg, 50 mg/Kg and 63 mg/Kg. It should be noted that no VOCs, SVOCs, pesticides, metals or PCBs were detected at concentrations exceeding their RRSCOs.

Soil Boring B-16 (4-5')

As indicated on Table 1 in Attachment B, no pesticides, metals or PCBs were detected at concentrations that exceed their respective UUSCOs in soil boring B-16 at four-to-five feet bgs.

Nine (9) VOCs, specifically 1,2,4-trimethylbenzene (740 mg/kg), 1,3,5-trimethylbenzene (180 mg/kg), benzene (200 mg/kg), ethylbenzene (360 mg/kg), naphthalene (14,000 mg/kg), n-butylbenzene (36 mg/kg), n-propylbenzene (110 mg/kg), toluene (97 mg/kg), and total xylenes (1,000 mg/kg), were detected at concentrations exceeding their respective SCOs. Several of the aforementioned VOCs, including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, naphthalene, n-propylbenzene and total xylenes were detected at concentrations exceeding their respective RRSCOs by orders of magnitude and are likely indicative of a petroleum release.

In addition, nine (9) SVOCs, specifically 3-methylphenol/4-methylphenol, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene and naphthalene, were

detected at concentrations exceeding their respective UUSCOs. In addition, seven (7) of the nine (9) aforementioned SVOCs, specifically benzo(a)anthracene (18 mg/Kg), benzo(a)pyrene (6.2 mg/Kg), benzo(b)fluoranthene (9.1 mg/Kg), chrysene (19.0 mg/Kg), dibenzo(a,h)anthracene (1.3 mg/Kg), indeno(1,2,3-cd)pyrene (3.6 mg/Kg) and naphthalene (1,400 mg/Kg) were detected at concentrations exceeding their respective RRSCOs.

2.3 Soil Investigation

A soil boring program was implemented at the subject property to characterize the fill material used to backfill the property on the western portions of the subject property and to assess conditions in this area from site operations.

As such, six (6) soil borings (designated as B-1, B-2, B-3, B-7, B-8 and B-9, as depicted on Figure 3 in Attachment A) were pre-cleared during the geophysical survey. The soil borings were installed utilizing a Geoprobe® 7822DT direct push rig. All field equipment associated with the Geoprobe® was decontaminated between boring locations using an Alconox detergent/potable water wash and potable water rinse. The six (6) soil borings were advanced to a depth of 10 feet bgs, below the average depth to groundwater. Continuous soil samples were collected utilizing factory-new macrocore soil sampling tubes from each soil boring location from the surface to the terminal boring depth. A total of 12 soil samples were collected and submitted for laboratory analysis in association with the six (6) soil borings. Specifically, two (2) samples were collected from each boring from zero-to-two feet bgs and eight-to-ten feet bgs. Soil impacts were observed and evaluated for suspect characteristics (e.g., staining, odors, PID responses, etc.) in the field. Soil lithology and characteristics are included in soil boring logs, provided in Attachment D of this Phase II ESA.

All soil samples were collected in accordance with NYSDEC DER-10, and were transferred directly into laboratory-supplied glassware, stored in an ice-packed cooler and transported to York, an NYSDOH ELAP and NELAP-approved laboratory under appropriate chain-of-custody protocols. Soil samples were analyzed for the following analyses:

- TCL VOCs using USEPA Method 8260;
- TCL SVOCs using USEPA Method 8270;
- TAL metals using USEPA Method 6010 and 7471;
- Pesticides using USEPA Method 8081; and
- PCBs using USEPA Method 8082.

Soil analytical data were tabulated into Table 2 in Attachment B and laboratory analytical data sheets are included in Attachment C of this Phase II ESA. Soil sample

results were compared to NYSDEC 6 NYCRR Part 375 Table 375-6.8(a) UUSCOs, June 2006 for evaluating residential-use thresholds and NYSDEC 6 NYCRR Part 375 Table 375-6.8(b) RRSCOs, June 2006 for evaluating residential-use thresholds[5].

A summary of findings along with laboratory data results is provided in the subsections, below, as well as on Figure 4 in Attachment A.

2.3.1 Boring B-1

Soil boring B-1 was installed on the southwestern portion of the subject property, within the parking areas to the south of Building C. Soil boring B-1 was advanced to approximately 10 feet bgs. As indicated in the soil boring logs provided in Attachment D, soils within B-1 generally consisted of fine grained to silty sand with gravel and fines. Pulverized concrete was encountered between 0.5-five feet bgs and is suspected to be evidence of historic fill material. No significant PID detections (greater than 0.9 ppm) were observed within the soils from B-1. VHB collected one (1) discrete soil sample from the zero-to-two feet bgs interval and one (1) soil sample from the eight-to-ten feet bgs interval to be analyzed for TCL VOCs, TCL SVOCs, TAL metals plus cyanide (CN), trivalent (Cr^{+3}) and hexavalent chromium (Cr^{+6}), pesticides and PCBs, for a total of two (2) soil samples per boring location.

2.3.1.1 Boring B-1 Soil Analytical Results

B-1 (0-2')

As indicated on Table 2 in Attachment B, there were no SVOCs or PCBs detected above NYSDEC Part 375 UUSCOs or NYSDEC Part 375 RRSCOs in the soil sample collected at zero-to-two feet bgs.

One (1) VOC, specifically acetone, was detected at a concentration of 0.16 mg/Kg, exceeding its respective UUSCO of 0.05 mg/Kg. In addition, one (1) pesticide, specifically cis-Chlordane, was detected at a concentration of 0.558 mg/Kg, exceeding its respective UUSCO of 0.034 mg/Kg. Furthermore, two (2) metals, specifically lead and mercury, were detected at concentrations of 900 mg/Kg and 0.421 mg/Kg, respectively, exceeding their respective UUSCOs of 63 mg/Kg and 0.18 mg/Kg. It should be noted that lead (900 mg/Kg) was detected at a concentration exceeding its RRSCO of 400 mg/Kg.

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[5] It should be noted that several VOCs, SVOCs, pesticides, metals and PCBs were identified in the laboratory analytical data in which laboratory MDLs were higher than NYSDEC Part 375 UUSCOs. Thus, there is a potential for trace or minor concentrations of the respective VOCs, SVOCs, pesticides, metals and PCBs to be present in the samples above UUSCOs. However, it should be noted that matrix interference in samples from non-target compounds and analytes can contribute to elevated MDLs and do not represent an exceedance of a standard.

B-1 (8-10')

As indicated on Table 2 in Attachment B, VOCs, SVOCs, pesticides, metals and PCBs were detected above NYSDEC Part 375 UUSCOs or NYSDEC Part 375 RRSCOs in the soil sample collected at eight-to-ten feet bgs.

One (1) VOC, specifically acetone, was detected at a concentration of 0.13 mg/Kg, exceeding its respective UUSCO of 0.05 mg/Kg. Seven (7) SVOCs, specifically benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene, were detected at concentrations exceeding their respective RRSCOs. In addition, three (3) pesticides, specifically 4,4'-DDE, 4,4'-DDT and dieldrin, were detected at concentrations of 0.139 mg/Kg, 0.0414 mg/Kg and 0.067 mg/Kg, respectively, exceeding their respective UUSCOs of 0.0033 mg/Kg, 0.0033 mg/Kg and 0.005 mg/Kg. Three (3) metals, specifically lead, zinc and mercury, were detected at concentrations of 187 mg/Kg, 122 mg/Kg and 0.75 mg/Kg, respectively, exceeding their respective UUSCOs. However, the concentrations of metals are below their respective RRSCOs. Furthermore, two (2) PCBs, specifically Aroclor 1254 and Aroclor 1260 were detected at concentrations of 0.188 mg/Kg and 0.508 mg/Kg, respectively, exceeding their respective UUSCOs of 0.1 mg/Kg.

2.3.2 **Boring B-2**

Soil boring B-2 was installed on the southwestern portion of the subject property, within the parking areas to the south-southwest of Building C. Soil boring B-2 was advanced to approximately 10 feet bgs. As indicated in the soil boring logs provided in Attachment D, soils within B-2 generally consisted of fine-to-medium grained sand, silty sand and/or gravel. Brick material was encountered between 0.5-feet and two-feet bgs and eight-to-ten feet bgs and is suspected to be evidence of historic fill material. No significant PID detections (greater than 0.5 ppm) were observed within the soils from B-2. VHB collected one (1) discrete soil sample from the zero-to-two feet bgs and eight-to-ten feet bgs intervals to be analyzed for TCL VOCs, TCL SVOCs, TAL metals plus CN, Cr^{+3} and Cr^{+6}, pesticides and PCBs, for a total of two (2) soil samples per boring location.

2.3.2.1 **Boring B-2 Soil Analytical Results**

B-2 (0-2')

As indicated on Table 2 in Attachment B, there were no pesticides or PCBs detected above NYSDEC Part 375 UUSCOs or NYSDEC Part 375 RRSCOs in the soil sample collected at zero-to-two feet bgs.

One (1) VOC, specifically acetone, was detected at a concentration of 0.08 mg/Kg, exceeding its respective UUSCO of 0.05 mg/Kg. Four (4) SVOCs, specifically benzo(a)anthracene, benzo(b)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene, were detected at concentrations exceeding their respective RRSCOs with the exception of chrysene which exceeded its UUSCO. In addition, four (4) metals, specifically arsenic, copper, lead and mercury, were detected at concentrations of 14.2 mg/Kg, 60.3 mg/Kg, 112 mg/Kg and 1.26 mg/Kg, respectively, exceeding their respective UUSCOs of 13 mg/Kg, 50 mg/Kg, 63 mg/Kg and 0.18 mg/Kg. It should be noted that mercury (1.26 mg/Kg) was detected at a concentration exceeding its RRSCO of 0.81 mg/Kg.

B-2 (8-10')

As indicated on Table 2 in Attachment B, VOCs, SVOCs, pesticides, metals and PCBs were detected above NYSDEC Part 375 UUSCOs or NYSDEC Part 375 RRSCOs in the soil sample collected at eight-to-ten feet bgs.

One (1) VOC, specifically acetone, was detected at a concentration of 0.11 mg/Kg, exceeding its respective UUSCO of 0.05 mg/Kg. Seven (7) SVOCs, specifically benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene, were detected at concentrations exceeding their respective RRSCOs. In addition, two (2) pesticides, specifically 4,4'-DDT and dieldrin, were detected at concentrations of 0.0358 mg/Kg and 0.0491 mg/Kg, respectively, exceeding their respective UUSCOs of 0.0033 mg/Kg and 0.005 mg/Kg. Five (5) metals, specifically copper, lead, zinc, mercury and trivalent chromium, were detected at concentrations of 59.8 mg/Kg, 130 mg/Kg, 151 mg/Kg, 0.448 mg/Kg and 34 mg/Kg, respectively, exceeding their respective UUSCOs. However, the concentrations of metals are below their respective RRSCOs. Furthermore, two (2) PCBs, specifically Aroclor 1254 and Aroclor 1260 were detected at concentrations of 0.156 mg/Kg and 0.264 mg/Kg, respectively, exceeding their respective UUSCOs of 0.1 mg/Kg.

2.3.3 **Boring B-3**

Soil boring B-3 was installed on the southwestern portion of the subject property, within the parking areas to the southeast of Building C. Soil boring B-3 was advanced to approximately 10 feet bgs. As indicated in the soil boring logs provided in Attachment D, soils within B-3 generally consisted of fine-grained sand with sandy loam. No significant PID detections (greater than 0.9 ppm) were observed within the soils from B-3. VHB collected one (1) discrete soil sample from the zero-to-two feet bgs and eight-to-ten feet bgs intervals to be analyzed for TCL VOCs, TCL SVOCs, TAL metals plus CN, Cr^{+3} and Cr^{+6}, pesticides and PCBs, for a total of two (2) soil samples per boring location.

2.3.3.1 Boring B-3 Soil Analytical Results

B-3 (0-2')

As indicated on Table 2 in Attachment B, VOCs, SVOCs, pesticides, metals and PCBs were detected above NYSDEC Part 375 UUSCOs and/or NYSDEC Part 375 RUSCOs in the soil sample collected at zero-to-two feet bgs.

One (1) VOC, specifically acetone, was detected at a concentration of 0.14 mg/Kg, exceeding its respective UUSCO of 0.05 mg/Kg. Eight (8) SVOCs, specifically 1,4-dichlorobenzene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene, were detected at concentrations exceeding their respective UUSCOs and/or RRSCOs. In addition, one (1) pesticide, specifically dieldrin, was detected at a concentration of 2.93 mg/Kg, exceeding its respective RRSCO of 0.2 mg/Kg.

Two (2) metals, specifically zinc and mercury, were detected at concentrations of 161 mg/Kg and 1.57 mg/Kg, respectively, exceeding their respective UUSCOs of 109 mg/Kg and 0.18 mg/Kg. It should be noted that mercury (1.57 mg/Kg) was detected at a concentration exceeding its RRSCO of 0.81 mg/Kg. Furthermore, one (1) PCB, specifically Aroclor 1260 was detected at a concentration of 51.8 mg/Kg, exceeding its respective RRSCO of 1.0 mg/Kg.

B-3 (8-10')

As indicated on Table 2 in Attachment B, there were no VOCs, pesticides and PCBs detected above NYSDEC Part 375 UUSCOs or NYSDEC Part 375 RRSCOs in the soil sample collected at eight-to-ten feet bgs.

Two (2) SVOCs, specifically 3-methylphenol/4-methylphenol and indeno(1,2,3-cd)pyrene, were detected at concentrations exceeding their respective UUSCOs and/or RRSCOs. In addition, two (2) metals, specifically lead and mercury were detected at concentrations of 227 mg/Kg and 0.409 mg/Kg, respectively, exceeding their respective UUSCOs of 63 mg/Kg and 0.18 mg/Kg. However, lead and mercury were detected below their respective RRSCOs.

2.3.4 Boring B-7

Soil boring B-7 was installed on the northwestern portion of the subject property, located to the west of Building A. Soil boring B-7 was advanced to approximately 10 feet bgs. As indicated in the soil boring logs provided in Attachment D, soils within B-7 generally consisted of silty sand and gravel. No significant PID detections (greater than 0.0 ppm) were observed within the soils from B-7. VHB collected one

(1) discrete soil sample from the zero-to-two feet bgs and eight-to-ten feet bgs intervals to be analyzed for TCL VOCs, TCL SVOCs, TAL metals plus CN, Cr^{+3} and Cr^{+6}, pesticides and PCBs, for a total of two (2) soil samples per boring location.

2.3.4.1 Boring B-7 Soil Analytical Results

B-7 (0-2')

As indicated on Table 2 in Attachment B, no VOCs were detected above NYSDEC Part 375 UUSCOs and/or NYSDEC Part 375 RUSCOs in the soil sample collected at zero-to-two feet bgs.

Five (5) SVOCs, specifically benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene, were detected at concentrations exceeding their respective UUSCOs, with four (4) of the five (5) exceeding their respective RRSCOs. In addition, two (2) pesticides, specifically 4,4'-DDT and dieldrin, were detected at concentrations of 0.0166 mg/Kg and 0.0155 mg/Kg, respectively, exceeding their respective UUSCOs of 0.003 mg/Kg and 0.005 mg/Kg.

Three (3) metals, specifically copper, lead and mercury, were detected at concentrations of 53 mg/Kg, 96.1mg/Kg and 0.357 mg/Kg, respectively, exceeding their respective UUSCOs of 50 mg/Kg, 63 mg/Kg and 0.18 mg/Kg. Furthermore, one (1) PCB, specifically Aroclor 1260 was detected at a concentration of 1.36 mg/Kg, exceeding its respective RRSCO of 1.0 mg/Kg.

B-7 (8-10')

As indicated on Table 2 in Attachment B, no VOCs, SVOCs and PCBs were detected above NYSDEC Part 375 UUSCOs or NYSDEC Part 375 RRSCOs in the soil sample collected at eight-to-ten feet bgs.

Two (2) pesticides, specifically 4,4'-DDT and dieldrin, were detected at concentrations of 0.0166 mg/Kg and 0.0155 mg/Kg, respectively, exceeding their respective UUSCOs of 0.003 mg/Kg and 0.005 mg/Kg. In addition, five (5) metals, specifically copper, lead, zinc, mercury and trivalent chromium were detected at concentrations of 158 mg/Kg, 146 mg/Kg, 264 mg/Kg, 0.352 mg/Kg and 34 mg/Kg, respectively, exceeding their respective UUSCOs of 50 mg/Kg, 63 mg/Kg, 109 mg/Kg, 0.18 mg/Kg, 0.18 mg/Kg and 30 mg/Kg.

2.3.5 **Boring B-8**

Soil boring B-8 was installed on the northwestern portion of the subject property, within the parking areas to the northwest of Building A. Soil boring B-8 was advanced to approximately 10 feet bgs. As indicated in the soil boring logs provided in Attachment D, soils within B-8 generally consisted of silty sand with pulverized rock/concrete. No significant PID detections (greater than 0.0 ppm) were observed within the soils from B-1. VHB collected one (1) discrete soil sample from the zero-to-two feet bgs and eight-to-ten feet bgs intervals to be analyzed for TCL VOCs, TCL SVOCs, TAL metals plus CN, Cr^{+3} and Cr^{+6}, pesticides and PCBs, for a total of two (2) soil samples per boring location.

2.3.5.1 **Boring B-8 Soil Analytical Results**

B-8 (0-2')

As indicated on Table 2 in Attachment B, there were no VOCs, pesticides and PCBs detected above NYSDEC Part 375 UUSCOs and/or NYSDEC Part 375 RUSCOs in the soil sample collected at zero-to-two feet bgs.

Five (5) SVOCs, specifically benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene, were detected at concentrations exceeding their respective UUSCOs, with four (4) of the five (5) exceeding their respective RRSCOs. In addition, one (1) metal, specifically mercury, was detected at a concentration of 0.303 mg/Kg, exceeding its respective UUSCO of 0.18 mg/Kg.

B-8 (8-10')

As indicated on Table 2 in Attachment B, there were detections of VOCs, SVOCs, pesticides, metals and PCBs above NYSDEC Part 375 UUSCOs or NYSDEC Part 375 RRSCOs in the soil sample collected at eight-to-ten feet bgs.

One (1) VOC, specifically acetone, was detected at a concentration of 0.056 mg/Kg, exceeding its respective UUSCO of 0.05 mg/Kg. Nine (9) SVOCs, specifically 3-methylphenol/4-methylphenol benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene and naphthalene, were detected at concentrations exceeding their respective UUSCOs with six (6) of the nine (9) exceeding their respective RRSCOs. In addition, three (3) pesticides, specifically 4,4,'-DDD and 4,4,'-DDT, were detected at concentrations exceeding their respective UUSCOs. Three (3) metals, specifically copper, zinc and trivalent chromium were detected at concentrations exceeding their respective UUSCOs. Furthermore, three (3) PCBs, specifically Aroclor

1242, Aroclor 1254 and Aroclor 1260, were detected at concentrations exceeding their respective UUSCOs.

2.3.6 Boring B-9

Soil boring B-9 was installed on the northwestern portion of the subject property, within the parking areas to the north-northwest of Building A. Soil boring B-9 was advanced to approximately 10 feet bgs. As indicated in the soil boring logs provided in Attachment D, soils within B-9 generally consisted of fine-to-medium grained sand gravel, silty sand and clay. No significant PID detections (greater than 0.0 ppm) were observed within the soils from B-9. VHB collected one (1) discrete soil sample from the zero-to-two feet bgs and eight-to-ten feet bgs intervals to be analyzed for TCL VOCs, TCL SVOCs, TAL metals plus CN, Cr^{+3} and Cr^{+6}, pesticides and PCBs, for a total of two (2) soil samples per boring location.

2.3.6.1 Boring B-9 Soil Analytical Results

B-9 (0-2')

As indicated on Table 2 in Attachment B, there were no SVOCs, pesticides and PCBs detected above NYSDEC Part 375 UUSCOs and/or NYSDEC Part 375 RUSCOs in the soil sample collected at zero-to-two feet bgs.

One (1) VOC, specifically acetone, was detected at a concentration of 0.056 mg/Kg, exceeding its respective UUSCO of 0.05 mg/Kg. One (1) metal, specifically mercury, was detected at a concentration 1.52 mg/Kg, exceeding its respective RRSCO of 0.81 mg/Kg.

B-9 (8-10')

As indicated on Table 2 in Attachment B, there were no pesticides or PCBs detected above NYSDEC Part 375 UUSCOs or NYSDEC Part 375 RRSCOs in the soil sample collected at eight-to-ten feet bgs.

One (1) VOC, specifically acetone, was detected at a concentration of 0.093 mg/Kg, exceeding its respective UUSCO of 0.05 mg/Kg. Seven (7) SVOCs, specifically benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, were detected at concentrations exceeding their respective UUSCOs with six (6) of the seven (7) exceeding their respective RRSCOs. In addition, eight (8) metals, specifically arsenic (17.5 mg/kg), barium (365 mg/kg), cadmium (8.38 mg/kg), copper (226 mg/kg), lead (2,100 mg/kg), zinc (4,420 mg/kg), mercury (4.11 mg/kg) and trivalent chromium (61 mg/kg) were detected at concentrations exceeding their respective UUSCOs.

Furthermore, concentrations of arsenic, cadmium, lead, and mercury exceeded their RRSCOs of 16 mg/kg, 4.3 mg/kg, 400 mg/kg, and 0.81 mg/kg, respectively.

2.4 UIC Investigation

A UIC investigation was conducted at the subject property to identify and sample existing at-grade structures that may require remedial action in accordance with the UIC program as administered by the USEPA. The UIC investigation was limited to a visual identification of at-grade structures (manhole covers, grates, etc.) and a sweep of the subject property utilizing geophysical survey equipment (i.e., magnetometer, ground penetrating radar [GPR], radio frequency [RF] line tracers and fiber-optic cameras) to identify the locations, and visual identification of at-grade leaching structures.

During the geophysical survey, VHB identified two (2) at-grade storm drains located on the southwestern portion of the subject property. Detailed UIC characteristics for each structure can be found in Attachment E.

It should be noted that sub-grade roof-drain drywells were not identified on the subject property. As such, it is likely the stormwater flows directly into the subsurface from the building rooftops.

Consistent with the scope of services, VHB collected one (1) discrete bottom sediment sample from the base of each stormwater structure. UIC samples were analyzed for the following:

- TCL VOCs using USEPA Method 8260;
- TCL SVOCs using Method 8270; and
- Resource Conservation and Recovery Act (RCRA) Metals using USEPA Method 6010

Storm drain sediment results were compared to their respective UUSCOs and RRSCOs.

The drywell sludges/bottom sediments were collected utilizing a decontaminated hand auger. All field equipment was decontaminated between locations using an Alconox detergent/potable water wash and potable water rinse. Bottom sediment samples were characterized in the field by a VHB Project Scientist and inspected for visual and olfactory evidence of contamination (i.e. staining and/or odors). Furthermore, each bottom sediment/sludge sample was field screened with a PID for the presence of VOCs. PID readings did not exceed 0.0 ppm in the sample collected from storm drain SD-1. However, sediment from storm drain SD-2 contained a

maximum PID reading of 56.0 ppm. The samples collected were transferred directly into laboratory-supplied glassware, stored in an ice-packed cooler and transported to Alpha, an ELAP and NELAP-certified laboratory under appropriate chain-of-custody protocols.

A summary of findings along with laboratory data results is provided in the subsections, below.

2.4.1 Storm Drain SD-1

SD-1 is an at-grade storm drain with grated cover and is located to the southeast of Building C. As indicated in Attachment E, sediment was encountered in SD-1 at two-feet bgs. It should be noted that no water was observed in this storm drain. Sediment encountered in SD-1 generally consisted of black fine-to-coarse grained sand with gravel. VHB collected one (1) discrete sample within storm drain SD-1. No PID detections above 0.0 ppm were observed and no odors were observed.

Sample Results

As indicated on Table 4 in Attachment B, no metals were detected at concentrations that exceeded their UUSCOs. One (1) VOC, specifically acetone, was detected at a concentration of 0.068 mg/Kg, slightly exceeding its UUSCO of 0.05 mg/Kg. In addition, seven (7) SVOCs, specifically benzo(a)anthracene (2.6 mg/Kg), benzo(a)pyrene (2.9 mg/Kg), benzo(b)fluoranthene (4.5 mg/Kg), benzo(k)fluoranthene (1.6 mg/Kg), chrysene (3.2 mg/Kg), dibenzo(a,h)anthracene (0.52 mg/Kg), and indeno(1,2,3-cd)pyrene (2.4 mg/Kg), were detected at concentrations exceeding their respective UUSCOs and/or RRSCOs.

2.4.2 Storm Drain SD-2

SD-2 is an at-grade storm drain with grated cover and is located to the southeast of Building C. As indicated in Attachment E, sediment was encountered in SD-2 at approximately two-feet bgs. It should be noted that water was identified at 1.5-feet bgs. Sediment encountered in SD-2 generally consisted of black coarse-grained sand with gravel. VHB collected one (1) discrete sample within storm drain SD-2. A maximum PID reading of 56.0 ppm was observed and a slight petroleum odor and surficial staining was observed within storm drain SD-2.

Sample Results

As indicated on Table 4 in Attachment B, no metals were detected at concentrations that exceeded their UUSCOs. However, six (6) VOCs, specifically 1,1,1-trichloroethane

(300 mg/Kg), 1,1-dichloroethane (10 mg/Kg), cis-1,2-dichloroethene (490 mg/Kg), tetrachloroethene (14 mg/Kg), trichloroethene (2,400 mg/Kg) and vinyl chloride (12 mg/Kg), were detected at concentrations exceeding their respective UUSCOs and/or RRSCOs. In addition, one (1) SVOC, specifically indeno(1,2,3-cd)pyrene (0.58 mg/Kg), was detected at a concentration exceeding its RRSCO.

2.5 Groundwater Sampling

Groundwater sampling was conducted at the subject property to determine representative groundwater conditions beneath the site, and to identify the extent of any residual impacts to groundwater that may have been caused by NYSDEC Spill Nos. 07-02708 and 12-03845 and/or site operations. Ten (10) groundwater samples (samples GW-1 through GW-10) were collected from boring locations B-1, B-2, B-5, B-6, B-9, B-10, B-11, B-12, B-14 and B-15. Sample locations are depicted on Figure 3 in Attachment A. A summary of exceedances in groundwater is depicted on Figure 5 in Attachment A.

Groundwater at the subject property was encountered between five (5) and nine (9) feet bgs. To collect a representative groundwater sample in each boring location, a temporary monitoring well was installed utilizing the Geoprobe® 7822DT direct push rig and was advanced down to a minimum of 10 feet bgs. Each 1-inch temporary well point was installed with 10 feet of schedule 40 PVC screening and at most five (5) feet of schedule 40 PVC riser pipe. Re-usable drilling equipment was field decontaminated between uses. Factory-new, disposable polyethylene tubing equipped with a check valve was inserted into the screened interval of the temporary monitoring wells to develop (purge) the well which ensures groundwater that is representative of the surrounding aquifer. Depth to water (DTW) was measured using a decontaminated Solinst® oil/water interface probe. It should be noted that there was no standing product in any of the 10 temporary wells installed throughout the subject property. Groundwater samples were obtained using a peristaltic pump, and disposable silicone/polyethylene tubing. Groundwater was drawn to the surface and purged into a 5-gallon bucket until turbidity was visibly reduced. Groundwater samples were purged directly into laboratory-supplied glassware, stored in ice-packed coolers and transported to Alpha under appropriate chain-of-custody protocols.

Groundwater samples were analyzed for the following:

- TCL VOCs using USEPA Method 8260;
- TCL SVOCs using USEPA Method 8270;
- TAL metals (total and dissolved) using USEPA Methods 6010 and 7471;
- Pesticides using USEPA Method 8081; and
- PCBs using USEPA Method 8082.

Groundwater sampling results were compared to the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 list of Ambient Water Quality Standards and Guidance Values (AWQSGVs) and Groundwater Effluent Limitations, June 1998. The groundwater laboratory data is summarized in Table 4 in Attachment B, and the laboratory data sheets are provided in Attachment C[6].

A summary of findings along with laboratory data results is provided in the subsections, below.

2.5.1 Groundwater Sample GW-1

Temporary well location GW-1 was installed within soil boring B-1, located to the south of Building C on the southwestern portion of the subject property.

The GW-1 sample location consisted of a 1-inch temporary well point installed with 10 feet of schedule 40 PVC screening. The temporary well was advanced to 10 feet bgs. Using a Solinst® oil/water interface probe, groundwater was encountered at 5.5 feet bgs. DTW measurements can be found on boring logs in Attachment D.

Sample Results

As indicated on Table 4 in Attachment B, there were no VOCs detected at concentrations above their respective AWQSGVs.

In addition, six (6) SVOCs, specifically benzo(a)anthracene (0.64 µg/), benzo(a)pyrene (0.6 µg/L), benzo(b)fluoranthene (1.2 µg/L), benzo(k)fluoranthene (0.42 µg/L), chrysene (0.58 µg/L), and indenol(1,2,3-cd)pyrene (0.58 µg/L), were detected at concentrations exceeding their respective AWQSGVs. Two (2) pesticides, specifically chlordane (0.19 µg/L) and dieldrin (0.022 µg/L), were detected at concentrations exceeding their respective AWQSGVs. It should be noted that chlordane and dieldrin are banned pesticides.

Several total metals were detected at concentrations exceeding their respective groundwater standards. However, only four (4) dissolved metals, specifically antimony (6.49 µg/L), iron (444 µg/L), manganese (571.1 µg/L) and sodium (52,800 µg/L) were detected at concentrations exceeding their respective groundwater standards. Furthermore, two (2) PCBs, specifically Aroclor 1253 (1.65 µg/L) and Aroclor 1260 (4.5

▼

[6] It should be noted that several VOCs, SVOCs and metals were identified in the laboratory analytical data in which laboratory MDLs were higher than their respective AWQSGVs. Thus, there is a potential for trace or minor concentrations of the respective VOCs, SVOCs and metals to be present in the samples above relevant standards. However, it should be noted that matrix interference in samples from non-target compounds and analytes can contribute to elevated MDLs and do not represent an exceedance of a standard.

µg/L) were detected at concentrations exceeding their respective groundwater standards.

2.5.2 Groundwater Sample GW-2

Temporary well location GW-2 was installed within soil boring B-2, located to the south of Building C on the southwestern portion of the subject property.

The GW-2 sample location consisted of a 1-inch temporary well point installed with 10 feet of schedule 40 PVC screening. The temporary well was advanced to 10 feet bgs. Using a Solinst® oil/water interface probe, groundwater was encountered at 5-feet bgs. DTW measurements can be found on boring logs in Attachment D.

Sample Results

As indicated on Table 4 in Attachment B, there were no VOCs detected at concentrations above their respective groundwater standards.

Six (6) SVOCs, specifically benzo(a)anthracene (0.28 µg/L), benzo(a)pyrene (0.25 µg/L), benzo(b)fluoranthene (0.46 µg/L), benzo(k)fluoranthene (0.17 µg/L), chrysene (0.25 µg/L), and indenol(1,2,3-cd)pyrene (0.22 µg/L), were detected at concentrations exceeding their respective AWQSGVs. One (1) pesticide, specifically chlordane (2.01 µg/L), was detected at a concentration exceeding its respective groundwater standard. It should be noted that chlordane is a banned pesticide.

Several total metals were detected at concentrations exceeding their respective groundwater standards. However, only two (2) dissolved metals, specifically manganese (1,183 µg/L) and sodium (81,900 µg/L), were detected at concentrations exceeding their respective groundwater standards. Furthermore, one (1) PCB, specifically Aroclor 1260 (0.732 µg/L) was detected at a concentration exceeding its respective groundwater standard of 0.03 µg/L.

2.5.3 Groundwater Sample GW-3

Temporary well location GW-3 was installed within soil boring B-5, located within the 5,000-gallon No. 2 fuel oil UST grave on the central portion of the subject property.

The GW-3 sample location consisted of a 1-inch temporary well point installed with 10 feet of schedule 40 PVC screening. The temporary well was advanced to 10 feet bgs. Using a Solinst® oil/water interface probe, groundwater was encountered at seven-feet bgs. DTW measurements can be found on boring logs in Attachment D.

Sample Results

As indicated on Table 4 in Attachment B, there were no pesticides or PCBs detected at concentrations above their respective groundwater standards.

Two (2) VOCs, specifically 1,2,4,5-tetramethylbenzene (35 µg/L) and sec-butylbenzene (5.6 µg/L), were detected at concentrations exceeding their respective groundwater standards.

In addition, eight (8) SVOCs, specifically benzo(a)anthracene (1.22 µg/L), benzo(a)pyrene (0.66 µg/L), benzo(b)fluoranthene (0.95 µg/L), benzo(g,h,i)perylene (0.46 µg/L), benzo(k)fluoranthene (0.34 µg/L), bis(2-ethylhexyl)phthalate (7.4 µg/L), chrysene (1.5 µg/L), and indenol(1,2,3-cd)pyrene (0.43 µg/L), were detected at concentrations exceeding their respective AWQSGVs. Furthermore, several total metals were detected at concentrations exceeding their respective groundwater standards. However, only three (3) dissolved metals, specifically magnesium (71,100 µg/L), manganese (857 µg/L) and sodium (142,000 µg/L) were detected at concentrations exceeding their respective groundwater standards.

2.5.4 Groundwater Sample GW-4

Temporary well location GW-4 was installed within soil boring B-6, located to the west (downgradient) of the 5,000-gallon No. 2 fuel oil UST grave on the central portion of the subject property.

The GW-4 sample location consisted of a 1-inch temporary well point installed with 10 feet of schedule 40 PVC screening. The temporary well was advanced to 10 feet bgs. Using a Solinst® oil/water interface probe, groundwater was encountered at seven feet bgs. DTW measurements can be found on boring logs in Attachment D.

Sample Results

As indicated on Table 4 in Attachment B, there were no VOCs, pesticides and PCBs detected at concentrations above their respective groundwater standards.

Eight (8) SVOCs, specifically benzo(a)anthracene (5.1 µg/L), benzo(a)pyrene (4.6 µg/L), benzo(b)fluoranthene (6.7 µg/L), benzo(g,h,i)perylene (2.2 µg/L), benzo(k)fluoranthene (6.8 µg/L), chrysene (4.5 µg/L), indenol(1,2,3-cd)pyrene (2.7 µg/L) and pentachlorophenol (4.8 µg/L), were detected at concentrations exceeding their respective groundwater standards. Furthermore, several total metals were detected at concentrations exceeding their respective groundwater standards. However, only three (3) dissolved metals, specifically iron (343 µg/L), manganese

(450.9 µg/L) and sodium (111,000 µg/L) were detected at concentrations exceeding their respective groundwater standards.

2.5.5 Groundwater Sample GW-5

Temporary well location GW-5 was installed within soil boring B-15, located on the southeastern portion of the subject property.

The GW-5 sample location consisted of a 1-inch temporary well point installed with 10 feet of schedule 40 PVC screening and five-feet of riser. The temporary well was advanced to 15 feet bgs. Using a Solinst® oil/water interface probe, groundwater was encountered at eight-feet bgs. DTW measurements can be found on boring logs in Attachment D.

Sample Results

As indicated on Table 4 in Attachment B, there were no VOCs, pesticides or PCBs detected at concentrations above their respective groundwater standards.

Seven (7) SVOCs, specifically benzo(a)anthracene (3.2 µg/L), benzo(a)pyrene (2.7 µg/L), benzo(b)fluoranthene (3.8 µg/L), benzo(g,h,i)perylene (1.7 µg/L), benzo(k)fluoranthene (1.3 µg/L), chrysene (2.8 µg/L) and indenol(1,2,3-cd)pyrene (1.8 µg/L), were detected at concentrations exceeding their respective groundwater standards. Furthermore, several total metals were detected at concentrations exceeding their respective groundwater standards. However, only two (2) dissolved metals, specifically manganese (440.8 µg/L) and sodium (161,000 µg/L), were detected at concentrations exceeding their respective groundwater standards.

2.5.6 Groundwater Sample GW-6

Temporary well location GW-6 was installed within soil boring B-9, located on the northwestern portion of the subject property.

The GW-6 sample location consisted of a 1-inch temporary well point installed with 10 feet of schedule 40 PVC screening and five-feet of riser. The temporary well was advanced to 15 feet bgs. Using a Solinst® oil/water interface probe, groundwater was encountered at nine-feet bgs. DTW measurements can be found on boring logs in Attachment D.

Sample Results

As indicated on Table 4 in Attachment B, there were no VOCs, pesticides or PCBs detected at concentrations above their respective groundwater standards.

Six (6) SVOCs, specifically benzo(a)anthracene (0.33 µg/L), benzo(a)pyrene (0.3 µg/L), benzo(b)fluoranthene (0.62 µg/L), benzo(k)fluoranthene (0.26 µg/L), chrysene (0.36 µg/L) and indenol(1,2,3-cd)pyrene (0.23 µg/L), were detected at concentrations exceeding their respective groundwater standards. Furthermore, several total metals were detected at concentrations exceeding their respective groundwater standards. However, only four (4) dissolved metals, specifically iron (1,950 µg/L), magnesium (51,500 µg/L), manganese (1,122 µg/L) and sodium (577,000 µg/L) were detected at concentrations exceeding their respective groundwater standards.

2.5.7 **Groundwater Sample GW-7**

Temporary well location GW-7 was installed within soil boring B-10, located on the northern-central portion of the subject property.

The GW-7 sample location consisted of a 1-inch temporary well point installed with 10 feet of schedule 40 PVC screening and five-feet of riser. The temporary well was advanced to 15 feet bgs. Using a Solinst® oil/water interface probe, groundwater was encountered at eight-feet bgs. DTW measurements can be found on boring logs in Attachment D.

Sample Results

As indicated on Table 4 in Attachment B, there were no VOCs, pesticides or PCBs detected at concentrations above their respective groundwater standards.

Six (6) SVOCs, specifically benzo(a)anthracene (0.4 µg/L), benzo(a)pyrene (0.27 µg/L), benzo(b)fluoranthene (0.43 µg/L), benzo(k)fluoranthene (0.17 µg/L), chrysene (0.35 µg/L) and indenol(1,2,3-cd)pyrene (0.12 µg/L), were detected at concentrations exceeding their respective groundwater standards. Furthermore, several total metals were detected at concentrations exceeding their respective groundwater standards. However, only three (3) dissolved metals, specifically iron (889 µg/L), manganese (383.5 µg/L) and sodium (69,500 µg/L) were detected at concentrations exceeding their respective groundwater standards.

2.5.8 **Groundwater Sample GW-8**

Temporary well location GW-8 was installed within soil boring B-11, located on the northeastern portion of the subject property and downgradient of the abandoned-in-place 550-gallon UST.

The GW-8 sample location consisted of a 1-inch temporary well point installed with 10 feet of schedule 40 PVC screening and five-feet of riser. The temporary well was advanced to 15 feet bgs. Using a Solinst® oil/water interface probe, groundwater was encountered at seven-feet bgs. DTW measurements can be found on boring logs in Attachment D.

Sample Results

As indicated on Table 4 in Attachment B, there were no VOCs or PCBs detected at concentrations above their respective groundwater standards.

Six (6) SVOCs, specifically benzo(a)anthracene (0.03 µg/L), benzo(a)pyrene (0.03 µg/L), benzo(b)fluoranthene (0.04 µg/L), benzo(k)fluoranthene (0.02 µg/L), chrysene (0.03 µg/L) and indenol(1,2,3-cd)pyrene (0.03 µg/L), were detected at concentrations exceeding their respective groundwater standards. In addition, one pesticide, specifically dieldrin, was detected at a concentration of 0.005 µg/L, exceeding its respective groundwater standard of 0.004 µg/L. It should be noted that dieldrin is a banned pesticide. Furthermore, several total metals were detected at concentrations exceeding their respective groundwater standards. However, only three (3) dissolved metals, specifically iron (593 µg/L), manganese (341.3 µg/L) and sodium (75,600 µg/L) were detected at concentrations exceeding their respective groundwater standards.

2.5.9 Groundwater Sample GW-9

Temporary well location GW-9 was installed within soil boring B-12, located on the northeast portion of the subject property, proximate to the abandoned-in-place 550-gallon UST.

The GW-9 sample location consisted of a 1-inch temporary well point installed with 10 feet of schedule 40 PVC screening and five-feet of riser. The temporary well was advanced to 15 feet bgs. Using a Solinst® oil/water interface probe, groundwater was encountered at 8.5-feet bgs. DTW measurements can be found on boring logs in Attachment D.

Sample Results

As indicated on Table 4 in Attachment B, there were no pesticides or PCBs detected at concentrations above their respective groundwater standards.

One VOC, specifically, benzene (1.3 µg/L), was detected at a concentration exceeding its respective groundwater standard. In addition, seven (7) SVOCs, specifically acenaphthene (33 µg/L), benzo(a)anthracene (0.6 µg/L), benzo(a)pyrene (0.56 µg/L), benzo(b)fluoranthene (0.68 µg/L), benzo(k)fluoranthene (0.22 µg/L), chrysene (0.55

µg/L) and indenol(1,2,3-cd)pyrene (0.27 µg/L), were detected at concentrations exceeding their respective groundwater standards. Furthermore, several total metals were detected at concentrations exceeding their respective groundwater standards. However, only three (3) dissolved metals, specifically iron (1,230 µg/L), manganese (471.3 µg/L) and sodium (127,000 µg/L) were detected at concentrations exceeding their respective groundwater standards.

2.5.10 Groundwater Sample GW-10

Temporary well location GW-10 was installed within soil boring B-14, located on the northeast portion of the subject property, proximate to the abandoned-in-place 550-gallon UST.

The GW-9 sample location consisted of a 1-inch temporary well point installed with 10 feet of schedule 40 PVC screening and five-feet of riser. The temporary well was advanced to 15 feet bgs. Using a Solinst® oil/water interface probe, groundwater was encountered at seven-feet bgs. DTW measurements can be found on boring logs in Attachment D.

Sample Results

As indicated on Table 4 in Attachment B, there were no VOCs, pesticides or PCBs detected at concentrations above their respective groundwater standards.

Six (6) SVOCs, specifically benzo(a)anthracene (0.06 µg/L), benzo(a)pyrene (0.05 µg/L), benzo(b)fluoranthene (0.07 µg/L), benzo(k)fluoranthene (0.03 µg/L), chrysene (0.06 µg/L) and indenol(1,2,3-cd)pyrene (0.03 µg/L), were detected at concentrations exceeding their respective groundwater standards. Furthermore, several total metals were detected at concentrations exceeding their respective groundwater standards. However, only three (3) dissolved metals, specifically iron (2,820 µg/L), manganese (487.2 µg/L) and sodium (176,000 µg/L) were detected at concentrations exceeding their respective groundwater standards.

2.6 Soil Vapor Sampling

Consistent with NYSDOH guidance governing soil vapor intrusion, a soil vapor investigation of the subject property was conducted to determine if a VEC is present. As such, soil vapor sampling was implemented during the Phase II ESA subsurface investigation. VHB collected one (1) sub-slab soil vapor sample beneath Building A, one (1) soil vapor sample at five-feet bgs located to the south of Building A and one (1) ambient indoor air sample located within Building A.

To perform a soil vapor study at the subject property, the two (2) soil vapor sample locations were pre-cleared during the geophysical survey to avoid any subgrade utilities or other anomalies during the temporary vapor point installation. The locations of the two (2) soil vapor samples (samples SV-1 and SV-2, as depicted on Figure 3 in Attachment A) were placed on the central portions of the subject property to capture conditions proximate to the 5,000-gallon No. 2 fuel oil UST grave. The temporary soil vapor implants consisted of stainless steel, factory-new vapor screens attached to factory-new polyethylene tubing. The annular space surrounding the tubing was filled with a washed filter media. The sample points were then sealed to the ground using non-toxic clay bentonite to prevent ambient air from being drawn into the boreholes and mixing with the potential soil vapors to be sampled. The areas immediately above each sample point were sealed with bentonite clay and a canister; thus, creating an annular space. Helium was introduced into each annular space as a tracer gas for quality assurance/quality control (QA/QC) analysis.

Prior to sampling, each soil vapor sampling point was purged of three (3) tube volumes of soil vapor utilizing a PID. A 2.7-liter, laboratory supplied vacuum Summa canister was then connected to the polyethylene tubing, and the sample was collected over a two-hour period at a pre-determined flow rate calibrated by the laboratory and consistent with NYSDOH Guidance.

Each of the two (2) Summa vacuum canisters were submitted to Alpha, an ELAP and NELAP-certified laboratory under appropriate chain-of-custody protocols for analysis of VOCs using USEPA Method TO-15. In addition, the soil vapor samples were also analyzed for helium for QA/QC purposes.

The analytical results are compared to the New York State (NYS) Homes – Indoor 1997 to 2003 reference values provided in *Final NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, October 2006 (hereinafter, the "NYSDOH Guidance"). As such, as a general basis of comparison, the NYSDOH 75th percentile for indoor air of fuel oil heated homes was used.

In addition to providing a range of indoor standards and percentiles, the NYSDOH provides matrices[7] (see Attachment F) as a risk management tool to determine if any corrective action is required for a site. The matrices are based on detected concentrations of carbon tetrachloride, 1,1-dichloroethene, *cis*-1,2-dichloroethene, trichloroethene (TCE), methylene chloride, tetrachloroethene (PCE), 1,1,1-trichloroethane (1,1,1-TCA) and vinyl chloride. The corrective action is also based on a combination of sub-slab concentrations and related indoor air samples. Mitigation and/or monitoring recommendations as related to soil vapor results in comparison to NYSDOH matrices are provided in the sub-sections below, as well as a summary of

[7] Provided in NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006 and amended May 2017.

laboratory results of the soil vapor/indoor air samples related to indoor/outdoor air reference values.

2.6.1 Indoor Air Sample IA-1

Indoor air sample IA-1 was installed within the central portions of Building A. It should be noted that the interior portions of Building A contained computer numerical control (CNC) machinery, equipment associated with manufacturing and a spray paint booth.

Sample Results

As indicated on Table 5 in Attachment B, a total of 14 VOCs were detected in indoor air sample IA-1. However, six (6) of the 14 VOCs were detected in indoor air sample IA-1 above NYSDOH 75th percentile values for Indoor Air concentrations. These compounds include acetone, ethylbenzene, o-xylene, p/m-xylene, and trichloroethene (TCE). Based upon the sample results, indoor air within Building A associated with sample IA-1 contains VOCs related to petroleum products, solvents and gasoline breakdown compounds.

2.6.2 Sub-Slab Soil Vapor Sample SV-1

Soil vapor sample point SV-1 was installed beneath the slab of Building A, within the southern-southern portion of same. The sub-slab vapor point was installed at a depth of approximately two-inches beneath the existing slab. VHB purged the soil vapor point approximately three (3) tube volumes utilizing a PID prior to collection of the soil vapor sample. PID detections ranged from 0.1-to-0.6 ppm within SV-1 during purging.

Sample Results

As indicated on Table 5 in Attachment B, eighteen (18) VOCs were detected in SV-1 above NYSDOH 75th percentile values for Indoor Air concentrations. These compounds include 1,1,1-Trichloroethane (1,1,1-TCA), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, acetone, benzene, chloroform, cyclohexane, ethyl alcohol, ethylbenzene, methylene chloride, n-hexane, o-xylene, p/m-xylene, styrene, tetrachloroethene (PCE), tetrahydrofuran, toluene and TCE. Based upon the sample results, soil vapor beneath the sub-slab of Building A associated with SV-1 contains VOCs related to petroleum products, solvents and gasoline breakdown compounds.

Four (4) compounds were detected in soil gas sample SV-1 that are subject to the NYSDOH matrices. The specific detections and recommendations are detailed below:

- 1,1,1-TCA is subject to Soil Vapor/Indoor Air Matrix B in the NYSDOH Guidance. Based upon a sub-slab soil vapor concentration noted of 27.90 µg/m^3, NYSDOH guidance recommends "no further action" with respect to 1,1,1-TCA concentrations in sub-slab soil vapor that are between 6 µg/m^3 and 60 µg/$m^3$and detections below 0.2 µg/m^3 in indoor air.
- Methylene chloride is subject to Soil Vapor/Indoor Air Matrix B in the NYSDOH Guidance. Based upon a sub-slab soil vapor concentration noted of 7.16 µg/m^3, NYSDOH guidance recommends "no further action" with respect to methylene chloride concentrations in sub-slab soil vapor that are below 100 µg/m^3 and detections below 3 µg/m^3 in indoor air.
- PCE is subject to Soil Vapor/Indoor Air Matrix B in the NYSDOH Guidance. Based upon a sub-slab soil vapor concentration noted of 7.59 micrograms per cubic meter (µg/m^3), NYSDOH guidance recommends "no further action" with respect to PCE concentrations in sub-slab soil vapor that are below 100 µg/m^3 and detections below three 3 µg/m^3 in indoor air.
- TCE is subject to Soil Vapor/Indoor Air Matrix A in the NYSDOH Guidance. Based upon a sub-slab soil vapor concentration noted of 6.77 µg/m^3, NYSDOH guidance recommends "monitor" with respect to TCE concentrations in sub-slab soil vapor that are greater than 6 µg/m^3 and with indoor air detections between 0.2 µg/m^3 and below 1.0 µg/m^3 in indoor air.

No additional compounds subject to the NYSDOH matrices were detected above laboratory MDLs in SV-1. The tracer gas helium was not detected in SV-1, indicating that sample results for SV-1 should be considered valid and representative of the subsurface.

2.6.3 **Soil Vapor Sample SV-2**

Soil vapor sample point SV-2 was installed to the south of Building A, within the central portion of subject property. The vapor point was installed to a depth of approximately five-feet, beneath an existing asphalt-paved driveway. VHB purged the soil vapor point approximately three (3) tube volumes utilizing a PID prior to collection of the soil vapor sample. PID detections ranged from 0.6-to-2.2 ppm within SV-2 during purging.

Sample Results

As indicated on Table 5 in Attachment B, fifteen (15) VOCs were detected in SV-2 above NYSDOH 75th percentile values for Indoor Air concentrations. These compounds include 1,1,1-TCA, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, acetone, benzene, chloroform, cyclohexane, ethylbenzene, n-hexane, o-xylene, p/m-xylene, styrene, PCE, tetrahydrofuran, and toluene. Based upon the sample results,

soil vapor beneath the sub-slab of Building A associated with SV-2 contains VOCs related to petroleum products, solvents and gasoline breakdown compounds.

Two (2) compounds were detected in SV-2 that are subject to the NYSDOH matrices. The specific detections and recommendations are detailed below:

- 1,1,1-TCA is subject to Soil Vapor/Indoor Air Matrix B in the NYSDOH Guidance. Based upon a sub-slab soil vapor concentration noted of 51.5 µg/m^3, NYSDOH guidance recommends "no further action" with respect to 1,1,1-TCA concentrations in sub-slab soil vapor that are between 6 µg/m^3 and 60 µg/m^3 and detections below 0.2 µg/m^3 in indoor air.
- PCE is subject to Soil Vapor/Indoor Air Matrix B in the NYSDOH Guidance. Based upon a sub-slab soil vapor concentration noted of 6.58 µg/m^3, NYSDOH guidance recommends "no further action" with respect to PCE concentrations in sub-slab soil vapor that are below 100 µg/m^3 and detections below three 3 µg/m^3 in indoor air.

No additional compounds subject to the NYSDOH matrices were detected above laboratory MDLs in SV-2. The tracer gas helium was not detected in SV-2, indicating that sample results should be considered valid and representative of the subsurface.

3.0

Conclusions and Recommendations

Based on the results of the subsurface investigation performed by VHB and its subcontractors at the subject property, the following conclusions and associated recommendations are presented herein:

Spill Investigation Soils

There were no concentrations of pesticides or PCBs detected exceeding their respective UUSCOs. VOCs were detected above UUSCOs in six (6) of the 10 soil samples collected on the eastern portions of the subject property. In addition, one (1) soil sample, B-16 (4-5), located on the southern central portion of the subject property, contained concentrations of VOCs exceeding their respective RRSCOs.

SVOCs were detected above UUSCOs in six (6) of the 10 soil samples collected on the eastern portions of the subject property. In addition, four (4) soil samples, B-4 (9-10), B-11 (5-7), B-13 (5-6) and B-16 (4-5), exhibited concentrations of SVOCs exceeding their RRSCOs.

Several metals, including cadmium, lead, and/or mercury, were detected above their respective UUSCOs in seven (7) of the 10 soil samples collected on the eastern portions of the subject property. In addition, three (3) soil samples, B-5 (9-10), B-6 (9-10) and B-10 (6-8), contained concentrations of metals, including cadmium, lead, and/or mercury exceeding their respective RRSCOs.

Given the above results, soils related to the historic spills are impacted with elevated VOCs, SVOCs, and metals, the presence of elevated concentrations of VOCs and SVOCs in soil indicates petroleum impacts, likely attributable to the historic spills, as well as the former and current on-site uses as an automotive repair shop, industrial uses including stage lighting manufacturing, and the presence of historic fill. Although NYSDEC Spill Nos. 07-02708 and 12-03845 were closed administratively by

NYSDEC, the Phase II ESA sample results indicate that associated residual petroleum contamination remains in soil at the subject property.

It should be noted that based upon the high levels of lead and/or mercury in six (6) of the 10 soils samples (B-4 [9-10], B-5 [9-10], B-6 [9-10], B-10 [6-8], B-12 [5-7] and B-15 [3-5]), same have the potential to classify as hazardous. Waste characterization of these soils is recommended by VHB prior to the redevelopment of the subject property to evaluate for potentially hazardous concentrations of lead and/or mercury in soils proximate to the aforementioned soil borings.

Soil Investigation

Several SVOCs were detected at concentrations above their NYSDEC Part 375 UUSCOs and/or NYSDEC Part 375 RRSCOs in nine (9) of the 12 soil samples. Pesticides were detected at concentrations above NYSDEC Part 375 UUSCOs and/or NYSDEC Part 375 RRSCOs in seven (7) of the 12 soil samples. Metals were detected at concentrations above NYSDEC Part 375 UUSCOs and/or NYSDEC Part 375 RRSCOs in each of the 12 soil samples. Furthermore, PCBs were detected at concentrations above NYSDEC Part 375 UUSCOs and/or NYSDEC Part 375 RRSCOs in five (5) of the 12 soil samples. One VOC, specifically acetone, was detected above its respective UUSCO in eight (8) of the 12 soil samples; however, there's no known historic use of acetone at the site and the acetone detections only slightly exceeded the standard, and as such, can likely be considered a laboratory artifact and not indicative of actual subsurface conditions.

Given the above results, soils (surficial and at depth) throughout the western portion of the subject property are impacted with SVOCs, metals, pesticides and PCBs at concentrations in excess of the RRSCOs, and are likely attributable to the former and current on-site uses as an automotive repair shop, and industrial use including stage lighting manufacturing, as well as to the historic fill used to raise the western portion of the site. VHB suspects that during the landfilling event(s) occurring between 1898 and 1917, non-native material, likely including many different elements such as construction debris, dredge spoils, incinerator residue, demolition debris, and/or coal ash, etc., was deposited (as was typical during that period) to raise the topographic elevation of the site, and was contaminated prior to emplacement.

The widespread mercury contamination (along with elevated levels of cadmium and arsenic) in soil at the subject property can likely be attributed to the current and historic usage of the subject property for stage lighting manufacturing. Historically, the toxicity of mercury was not widely known or understood, therefore the care and handling practices for mercury were not as stringent as they are today. As a result, during the manufacturing process of mercury vapor lights, it is likely that spillage and volatilization of elemental mercury occurred[8]. Mercury also has a tendency to adsorb

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[8] As described in "Memorandum to Grand Street Mercury Site File, from Mr. John F. Hansen, Project Manager, USEPA, Region II" dated February 6, 1997.

onto organic compounds (i.e., dusts, oils, etc.) that are typically generated in the manufacturing process. Cadmium contamination at the subject property is likely the result of its usage in the lighting manufacturing process as a constituent of the coating on the interior glass surface of light bulbs. Arsenic contamination may also result from the operations of the subject property as a lighting manufacturer, as arsenic was historically used as an additive in the glass bulbs manufacturing process.

Based upon the foregoing, and VHB's understanding that the subject property is proposed to be redeveloped, VHB recommends that the vertical and lateral extent of specific impacts found at the site be delineated in order to ascertain the appropriate mitigative measures necessary for the protection of the future occupants (e.g., excavation and disposal of contaminated soils, capping of contaminated soils, etc.) Regardless of environmental impacts and the eventual plan for addressing the removal and/or capping of environmentally impacted soils, the generation and disposal of surplus soils should also be considered. VHB anticipates that surplus soils will likely be generated due to the proposed site redevelopment activities, and there is a potential that geotechnical specifications will require additional excavation/removal of the backfill. Off-site disposal of surplus soils should be considered due to the impacts detected in the backfill soils. Therefore, VHB recommends that a full waste characterization program be implemented at the subject property prior to development.

Based upon the high levels of lead and/or mercury in 10 of the 12 soil samples (B-1 [0-2], B-1 [8-10], B-2 [0-2], B-2 [8-10], B-3 [0-2], B-3 [8-10], B-7 [0-2], B-7 [8-10], B-8 [8-10] and B-9 [8-10]) same have the potential to classify as hazardous. Waste characterization of these soils is recommended by VHB prior to the redevelopment of the subject property to evaluate for potentially hazardous concentrations of lead and/or mercury in soils proximate to soil borings (B-1 [0-2], B-1 [8-10], B-2 [0-2], B-2 [8-10], B-3 [0-2], B-3 [8-10], B-7 [0-2], B-7 [8-10], B-8 [8-10] and B-9 [8-10]).

Groundwater

Based upon the results of the groundwater sampling, there were several VOCs detected in two (2) out of the ten (10) temporary wells above AWQSGVs. Additionally, there were several SVOCs detected in each of the 10 groundwater samples above AWQSGVs. Several pesticides were detected above AWQSGVs in three (3) of the 10 groundwater samples. Several dissolved metals were detected in each of the 10 groundwater samples above AWQSGVs. Furthermore, PCBs were detected at concentrations exceeding their respective AWQSGVs in two (2) of the 10 groundwater samples.

With respect to metals, the presence of dissolved iron, dissolved manganese, and dissolved sodium at concentrations in excess of AWQSGVs is typical of the region and can likely be attributed to the dissolution of metals from underlying bedrock as well as intrusion of water from the adjacent Hudson River. The VOC, SVOC, pesticides, and PCBs impacts appear related to documented petroleum releases at the subject

property as well as the former and current on-site uses as an automotive repair shop and industrial uses including stage lighting, and the presence of historic fill materials.

As the subject property is proposed for site redevelopment, it is VHB's recommendation that the construction project limit dewatering if feasible. However, if dewatering is deemed necessary, then appropriate dewatering procedures (e.g., carbon filtration, usage of frac tank, etc.) should be considered necessary and implemented during construction activities.

UICs

Two (2) storm drains (SD-1 and SD-2), with the potential to drain in-situ, were sampled and analyzed as part of this Phase II ESA.

No metals were detected in either of the two (2) on-site storm drains exceeding their respective NYSDEC Part 375 UUSCOs. VOCs were detected at concentrations exceeding their respective UUSCOs in each storm drain. In addition, storm drain SD-2 contained concentrations of VOCs exceeding their respective NYSDEC Part 375 RRSCOs, specifically the chlorinated VOCs, 1,1,1-Trichloroethane, cis-1,2-dichloroethene, trichloroethene (TCE) and vinyl chloride. Furthermore, SVOCs were detected in both storm drains, exceeding their respective NYSDEC Part 375 UUSCOs and/or NYSDEC Part 375 RRSCOs.

Based upon the sample results and VHB's observations of same, the two (2) onsite storm drains (SD-1 and SD-2) require remediation due to elevated concentrations of VOCs and SVOCs in bottom sediments. The remediation of these impacted sediments/sludges should be conducted in accordance with USEPA UIC Class V Injection Well Program protocols, which include proper notification and documentation supplied to USEPA Region 2 upon completion of the remediation project.

Soil Vapor Sampling

Based upon the analytical laboratory data, the presence of petroleum-related and solvent-related vapors were confirmed in the subsurface at concentrations above their respective NYSDOH 75th percentile for Indoor Air. These compounds include 1,1,1-TCA), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, acetone, benzene, chloroform, cyclohexane, ethyl alcohol, ethylbenzene, methylene chloride, n-hexane, o-xylene, p/m-xylene, styrene, PCE, tetrahydrofuran, toluene and TCE. Given the elevated concentrations of these compounds, a VEC is confirmed at the subject property and is likely attributed to the previous on-site NYSDEC Spill Nos. 07-02708 and 12-03845, and the former and current on-site uses as an automotive repair shop and industrial use of stage lighting manufacturing.

It should be noted that several compounds, including 1,1,1-TCA, methylene chloride, PCE, and/or TCE, were detected in soil vapor samples SV-1 and SV-2 that are subject to the NYSDOH matrices. Based upon the soil vapor concentrations of same, the

NYSDOH guidance recommends "No Further Action" for the majority of these compounds and their corresponding concentrations. However, according to NYSDOH Matrix B, TCE concentrations identified in sub-slab sample SV-1 and the corresponding indoor air sample IA-1 indicate that "Monitor" is a minimum requirement. It should also be noted that the sampling was conducted prior to the start of the heating season, so it is likely that detections of VOCs in soil vapor/indoor air are artificially low.

If the subject property were to be redeveloped, the most practical approach to address any potential soil vapor intrusion at the subject property is to install a sub-slab soil vapor barrier during construction. The sub-slab soil vapor barrier would likely consist of 20 millimeter (mm) thick polyethylene sheeting and would also serve as a standard moisture barrier commonly used in construction (typically 8 mm thick). This recommendation is primarily based upon the presence of 1,1,1-TCA, methylene chloride, PCE, and/or TCE in the soil vapor analyses as a cost-effective approach to deal with the potential of future impacts to indoor air quality concerns for site occupants.

Attachment A
Figures

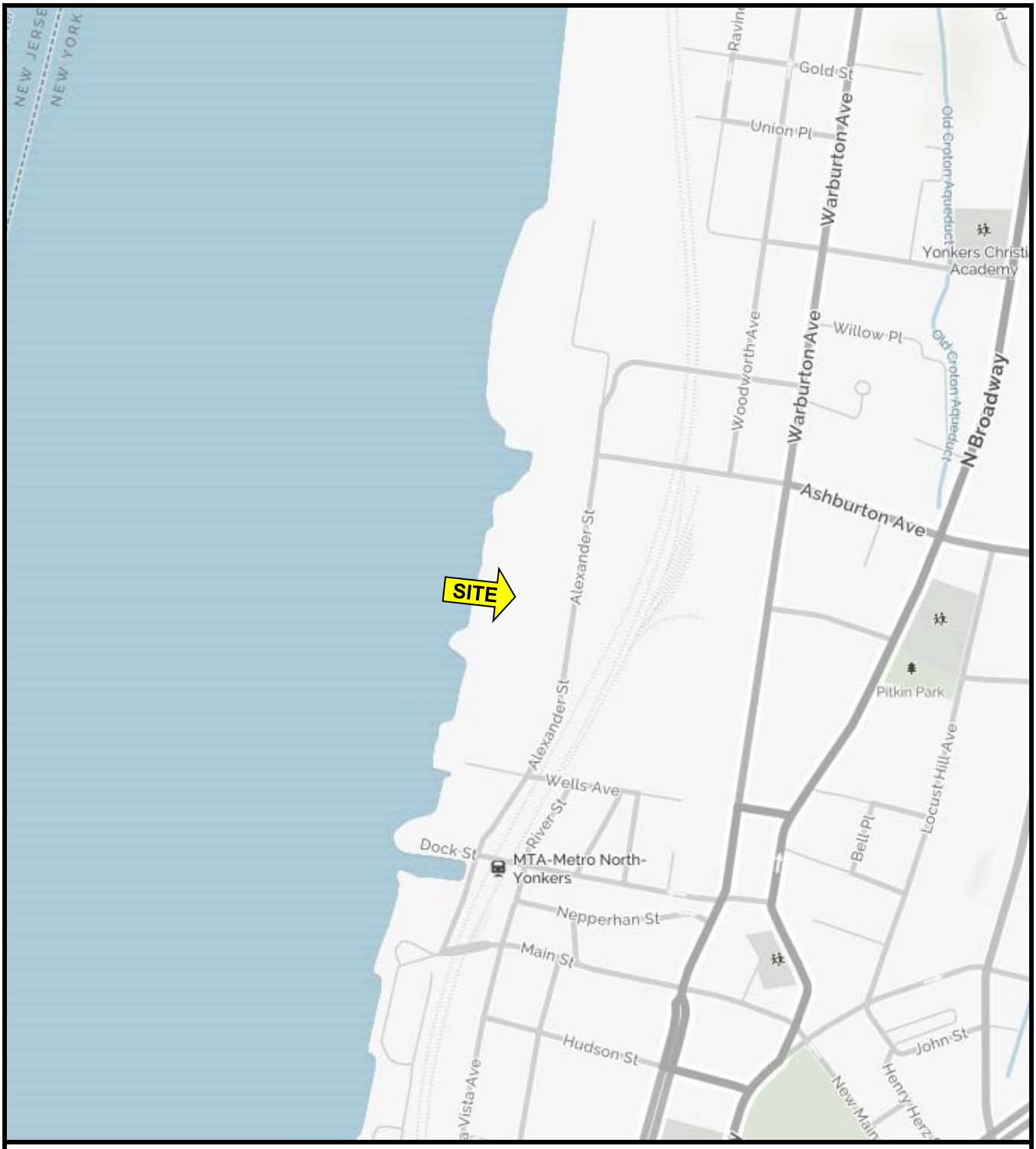

FIGURE 1 – SITE LOCATION MAP

SITE NAME: Commercial Property
STREET ADDRESS: 57 Alexander Street
CITY, STATE, ZIP: Yonkers, NY 10701
PROJECT: 25720.01
SOURCE: MapQuest

N

vhb

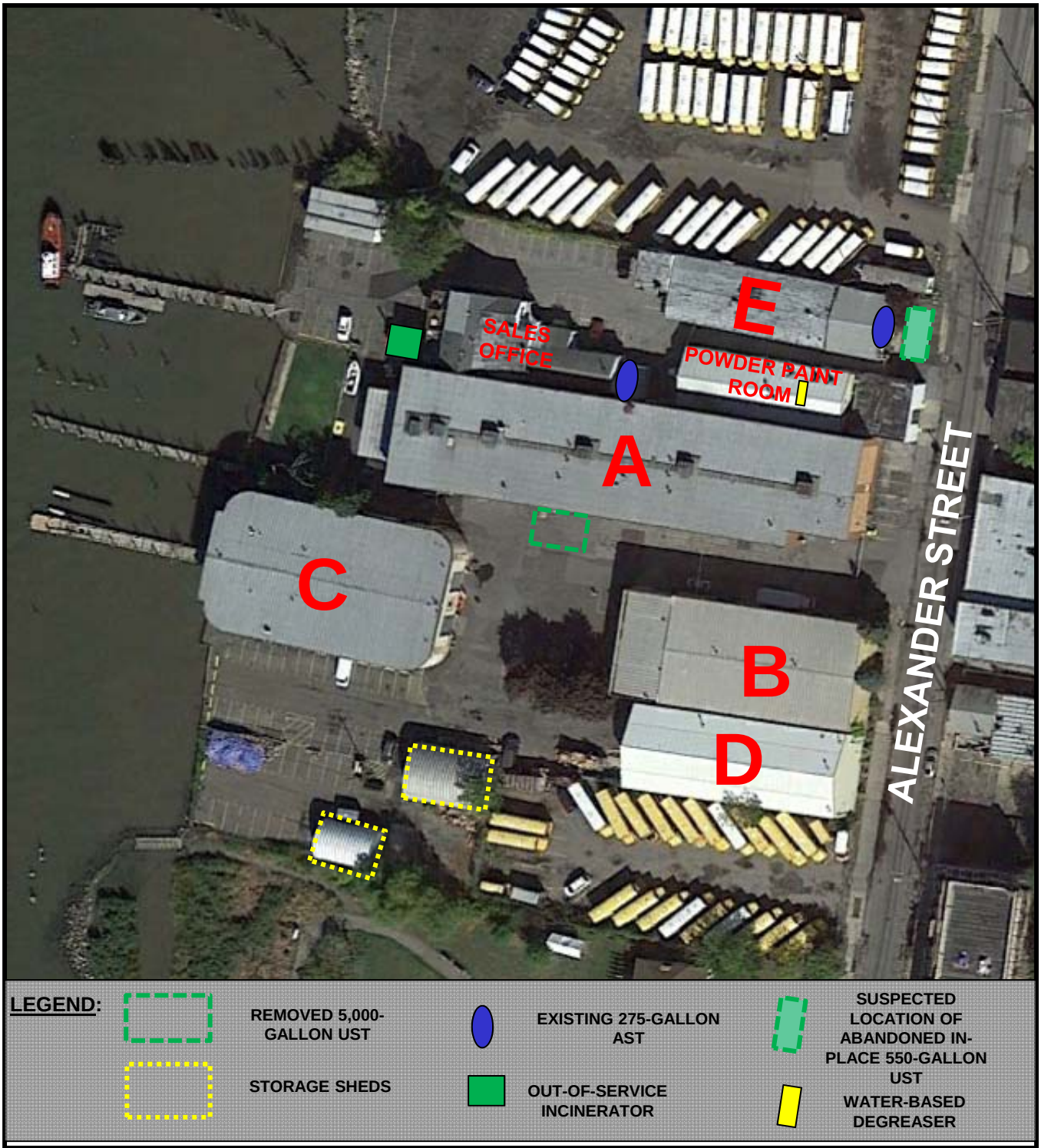

FIGURE 2 – SITE DETAILS

SITE NAME: Commercial Property
STREET ADDRESS: 57 Alexander Street
CITY, STATE, ZIP: Yonkers, NY 10701
PROJECT: 25720.00
SOURCE: Google Earth

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vhb

57 Alexander Street

Figure 3
Subsurface Investigation Sampling Location Map
Phase II ESA
October 2018

Approximate historic shoreline

B-9/GW-6
B-8
B-10/GW-7
B-12/GW-9
B-11/GW-8
FORMER INCINERATOR
POWDER PAINT ROOM
FORMER AUTO REPAIR
B-7
57 Alexander St
IA-1
SV-1
B-6/GW-4
B-5/GW-3
SV-2
B-13
B-14/GW-10
B-4
B-2/GW-2
SD-1
B-3
B-1/GW-1
SD-2
B-16
B-15/GW-5

A
B
C
D
E

Legend

- Soil Boring Sampling Location and Designation (Former Spills)
- Soil Boring Sampling Location and Designation (Historic Fill)
- Soil Vapor and Indoor Air Sampling Location and Designation
- Groundwater Sampling Location and Designation
- Existing AST
- Former UST
- Inferred Groundwater Flow Direction
- Sediment Sampling Location and Designation

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200 ft

N

57 Alexander Street

Phase II ESA
Summary of Soil Exceedances
October 2018

vhb

B-7	10/10/2018	10/10/2018
Depth (ft bls)	*0-2*	*8-10*
SVOCs		
Benzo(a)anthracene	1.6	NE
Benzo(a)pyrene	1.2	NE
Benzo(b)fluoranthene	2	NE
Chrysene	1.8	NE
Indeno(1,2,3-cd)pyrene	0.88	NE
Metals		
Chromium, Trivalent	NE	34 J
Copper	53	158
Lead	96.1	146
Mercury	0.357	0.352
Zinc	NE	264
PCBs, Total	1.36	NE
Pesticides		
4,4'-DDT	0.0166	NE
Alpha-BHC	NE	0.0248
Dieldrin	0.0155 P	0.0125 JPI

B-8	10/10/2018	10/10/2018
Depth (ft bls)	*0-2*	*8-10*
VOCs		
Acetone	NE	0.056
SVOCs		
3-Methylphenol/4-Methylph	NE	0.43
Benzo(a)anthracene	1.5	19
Benzo(a)pyrene	1.3	17
Benzo(b)fluoranthene	2	21
Benzo(k)fluoranthene	NE	2.9
Chrysene	1.5	18
Dibenzo(a,h)anthracene	NE	1.9
Indeno(1,2,3-cd)pyrene	0.9	11
Naphthalene	NE	14
Metals		
Chromium, Trivalent	NE	42
Copper	NE	123
Mercury	0.303	NE
Zinc	NE	119
PCBs, Total	NE	0.464
Pesticides		
4,4'-DDD	NE	0.0256
4,4'-DDT	NE	0.0167 JPI
Dieldrin	NE	0.0100 JPI

B-5	10/9/2018
Depth (ft bls)	*9-10*
Metals	
Arsenic	15.7
Cadmium	10.5
Copper	166
Lead	1060
Mercury	27.4
Zinc	4610

B-9	10/10/2018	10/10/2018
Depth (ft bls)	*0-2*	*8-10*
VOCs		
Acetone	0.056	0.093
SVOCs		
Benzo(a)anthracene	NE	4.7
Benzo(a)pyrene	NE	4.1
Benzo(b)fluoranthene	NE	5.4
Benzo(k)fluoranthene	NE	1.5
Chrysene	NE	4.1
Dibenzo(a,h)anthracene	NE	0.59
Indeno(1,2,3-cd)pyrene	NE	3.2
Metals		
Arsenic	NE	17.5
Barium	NE	365
Cadmium	NE	8.38
Chromium, trivalent	NE	61
Copper	NE	226
Lead	NE	2100
Mercury	1.52	4.11
Zinc	NE	4420

B-10	10/10/2018
Depth (ft bls)	*6-8*
Metals	
Arsenic	13
Chromium, hexavalent	1.31
Copper	89.2
Lead	270
Mercury	0.577
Zinc	310

B-11	10/11/2018
Depth (ft bls)	*5-7*
VOCs	
Benzene	0.36
SVOCs	
Benzo(a)anthracene	2.3
Benzo(a)pyrene	2.2
Benzo(b)fluoranthene	2.8
Benzo(k)fluoranthene	0.86
Chrysene	2.3
Indeno(1,2,3-cd)pyrene	1.4
Metals	
Mercury	1.86

B-12	10/11/2018
Depth (ft bls)	*5-7*
VOCs	
Benzene	1.1
cis-1,2-Dichloroethene	0.26
Metals	
Lead	366
Mercury	0.308

B-2	10/9/2018	10/9/2018
Depth (ft bls)	*0-2*	*8-10*
VOCs		
Acetone	0.079	0.110
SVOCs		
Benzo(a)anthracene	1.1	16
Benzo(a)pyrene	NE	11
Benzo(b)fluoranthene	1.3	15
Benzo(k)fluoranthene	NE	4.7
Chrysene	1.1	15
Dibenzo(a,h)anthracene	NE	1.9
Indeno(1,2,3-cd)pyrene	0.57	8.2
Metals		
Arsenic	14.2	NE
Copper	60.3	59.8
Lead	112	130
Mercury	1.26	0.448
Zinc	NE	151
PCBs, Total	NE	0.42
Pesticides		
4,4'-DDT	NE	0.0358
Dieldrin	NE	0.0491

B-6	10/9/2018
Depth (ft bls)	*9-10*
VOCs	
Acetone	0.33
SVOCs	
3-Methylphenol/4-Methylph	0.57
Metals	
Cadmium	5.68
Lead	760
Mercury	1.38
Zinc	2770

B-14	10/11/2018
Depth (ft bls)	*5-6*
VOCs	
Acetone	0.12

B-13	10/11/2018
Depth (ft bls)	*5-6*
VOCs	
Acetone	0.15
SVOCs	
Benzo(a)anthracene	1.3
Benzo(a)pyrene	1.7
Benzo(b)fluoranthene	2.1
Chrysene	1.4
Indeno(1,2,3-cd)pyrene	1.1
Metals	
Copper	216

B-3	10/9/2018	10/9/2018
Depth (ft bls)	*0-2*	*8-10*
VOCs		
Acetone	0.14	NE
SVOCs		
1,4-Dichlorobenzene	14	NE
3-Methylphenol/4-Methylph	NE	4.7
Benzo(a)anthracene	2.2	NE
Benzo(a)pyrene	2.2	NE
Benzo(b)fluoranthene	3.1	NE
Benzo(k)fluoranthene	0.91	NE
Chrysene	2	NE
Dibenzo(a,h)anthracene	0.35	NE
Indeno(1,2,3-cd)pyrene	1.5	0.52
Metals		
Copper	69	NE
Lead	214	227
Mercury	1.57	0.409
Zinc	161	NE
PCBs, Total	51.8	NE
Pesticides		
Dieldrin	2.93 PI	NE

B-1	10/9/2018	10/9/2018
Depth (ft bls)	*0-2*	*8-10*
VOCs		
Acetone	0.16	0.13
SVOCs		
Benzo(a)anthracene	NE	5.9
Benzo(a)pyrene	NE	5.3
Benzo(b)fluoranthene	NE	6.7
Benzo(k)fluoranthene	NE	3.4
Chrysene	NE	7.7
Dibenzo(a,h)anthracene	NE	1.2
Indeno(1,2,3-cd)pyrene	NE	5.9
Metals		
Lead	900	187
Mercury	0.421	0.75
Zinc	NE	122
PCBs, Total	NE	0.696
Pesticides		
4,4'-DDE	NE	0.0139 P
4,4'-DDT	NE	0.0414 PI
cis-Chlordane	0.558	NE
Dieldrin	NE	0.067

SD-1	10/11/2018
VOCs	
Acetone	0.068
SVOCs	
Benzo(a)anthracene	2.6
Benzo(a)pyrene	2.9
Benzo(b)fluoranthene	4.5
Benzo(k)fluoranthene	1.6
Chrysene	3.2
Dibenzo(a,h)anthracene	0.52
Indeno(1,2,3-cd)pyrene	2.4

SD-2	10/11/2018
VOCs	
1,1,1-Trichloroethane	300
1,1-Dichloroethane	10 J
cis-1,2-Dichloroethene	490
Tetrachloroethene	14
Trichloroethene	2400
Vinyl chloride	12
SVOCs	
Indeno(1,2,3-cd)pyrene	0.58

B-15	10/10/2018
Depth (ft bls)	*3-5*
SVOCs	
3-Methylphenol/4-Methylph	1.1
Metals	
Arsenic	14.4
Copper	75.1
Lead	272

B-16	10/10/2018
Depth (ft bls)	*4-5*
VOCs	
1,2,4-Trimethylbenzene	740
1,3,5-Trimethylbenzene	180
Benzene	200
Ethylbenzene	360
Naphthalene	14000
n-Butylbenzene	36
n-Propylbenzene	110
Toluene	97
Xylenes, total	1000
SVOCs	
3-Methylphenol/4-Methylph	0.74 J
Benzo(a)anthracene	18
Benzo(a)pyrene	6.2
Benzo(b)fluoranthene	9.1
Benzo(k)fluoranthene	2.3
Chrysene	19
Dibenzo(a,h)anthracene	1.3
Indeno(1,2,3-cd)pyrene	3.6
Naphthalene	1400

B-4	10/9/2018
Depth (ft bls)	*9-10*
SVOCs	
Benzo(a)anthracene	51
Benzo(a)pyrene	29
Benzo(b)fluoranthene	30
Benzo(k)fluoranthene	8.5
Chrysene	51
Dibenzo(a,h)anthracene	2.9 J
Fluorene	57
Indeno(1,2,3-cd)pyrene	10
Naphthalene	86
Phenanthrene	260
Pyrene	140
Metals	
Copper	108
Lead	232
Mercury	0.37
Zinc	382

Legend

- Former Spills Investigation Soil Boring Sample Location
- Historic Fill Investigation Soil Boring Sample Location
- Storm Drain Sediment Sample Location
- Former UST
- Inferred Groundwater Flow Direction

Sample ID	Date	Date
VOCs	**UUSCO (mg/kg)**	**RRSCO (mg/kg)**
1,1,1-Trichloroethane	0.68	100
1,1-Dichloroethane	0.27	26
1,2,4-Trimethylbenzene	3.6	52
1,3,5-Trimethylbenzene	8.4	52
Acetone	0.05	100
Benzene	0.06	4.8
cis-1,2-Dichloroethene	0.25	100
Ethylbenzene	1	41
Naphthalene	12	100
n-Butylbenzene	12	100
n-Propylbenzene	3.9	100
Tetrachloroethene	1.3	19
Toluene	0.7	100
Trichloroethene	0.47	21
Vinyl chloride	0.02	0.9
Xylenes, total	0.26	100
SVOCs	**UUSCO (mg/kg)**	**RRSCO (mg/kg)**
1,4-Dichlorobenzene	1.8	13
3-Methylphenol/4-Methylph	0.33	100
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	1
Benzo(k)fluoranthene	0.8	3.9
Chrysene	1	3.9
Dibenzo(a,h)anthracene	0.33	0.33
Fluorene	30	100
Indeno(1,2,3-cd)pyrene	0.5	0.5
Naphthalene	12	100
Phenanthrene	100	100
Pyrene	100	100
Metals	**UUSCO (mg/kg)**	**RRSCO (mg/kg)**
Arsenic	13	16
Barium	350	400
Cadmium	2.5	4.3
Chromium, hexavalent	1	110
Chromium, trivalent	30	180
Copper	50	270
Lead	63	400
Mercury	0.18	0.81
Zinc	109	10000
PCBs, Total	0.1	1
Pesticides	**UUSCO (mg/kg)**	**RRSCO (mg/kg)**
4,4'-DDD	0.0033	13
4,4'-DDE	0.0033	8.9
4,4'-DDT	0.0033	7.9
Alpha-BHC	0.02	0.48
cis-Chlordane	0.094	4.2
Dieldrin	0.005	0.2

57 Alexander St

N

200 ft

Google Earth

57 Alexander Street

Phase II ESA
Summary of Groundwater Exceedances
October 2018

GW-6 (B-9)	10/11/2018
SVOCs	
Benzo(a)anthracene	3.2
Benzo(a)pyrene	2.7
Benzo(b)fluoranthene	3.8
Benzo(k)fluoranthene	1.3
Chrysene	2.8
Indeno(1,2,3-cd)pyrene	1.8
Dissolved Metals	
Iron	1950
Magnesium	51500
Manganese	1122
Sodium	577000

GW-7 (B-10)	10/11/2018
SVOCs	
Benzo(a)anthracene	0.4
Benzo(a)pyrene	0.27
Benzo(b)fluoranthene	0.43
Benzo(k)fluoranthene	0.17
Chrysene	0.35
Indeno(1,2,3-cd)pyrene	0.12
Dissolved Metals	
Iron	889
Manganese	383.5
Sodium	69500

GW-9 (B-12)	10/11/2018
VOCs	
Benzene	1.3
SVOCs	
Acenaphthene	39
Benzo(a)anthracene	0.6
Benzo(a)pyrene	0.56
Benzo(b)fluoranthene	0.68
Benzo(k)fluoranthene	0.22
Chrysene	0.55
Indeno(1,2,3-cd)pyrene	0.27
Dissolved Metals	
Iron	1230
Manganese	471.3
Sodium	127000

GW-3 (B-5)	10/10/2018
VOCs	
1,2,4,5-Tetramethylbenzene	35
sec-Butylbenzene	5.6 J
SVOCs	
Benzo(a)anthracene	1.2
Benzo(a)pyrene	0.66 J
Benzo(b)fluoranthene	0.95 J
Benzo(k)fluoranthene	0.34 J
Bis(2-ethylhexyl)phthalate	7.4
Chrysene	1.5
Indeno(1,2,3-cd)pyrene	0.43 J
Dissolved Metals	
Magnesium	71100
Manganese	857
Sodium	142000

GW-8 (B-11)	10/11/2018
SVOCs	
Benzo(a)anthracene	0.03 J
Benzo(a)pyrene	0.03 J
Benzo(b)fluoranthene	0.04 J
Benzo(k)fluoranthene	0.02 J
Chrysene	0.03 J
Indeno(1,2,3-cd)pyrene	0.03 J
Dissolved Metals	
Iron	593
Manganese	341.3
Sodium	75600
Pesticides	
Dieldrin	0.005 J

GW-4 (B-6)	10/10/2018
SVOCs	
Benzo(a)anthracene	5.1
Benzo(a)pyrene	4.6
Benzo(b)fluoranthene	6.7
Benzo(k)fluoranthene	6.8
Chrysene	4.5
Indeno(1,2,3-cd)pyrene	2.7
Pentachlorophenol	4.8
Dissolved Metals	
Iron	343
Manganese	450.9
Sodium	111000

GW-2 (B-2)	10/9/2018
SVOCs	
Benzo(a)anthracene	0.28
Benzo(a)pyrene	0.25
Benzo(b)fluoranthene	0.46
Benzo(k)fluoranthene	0.17
Chrysene	0.25
Indeno(1,2,3-cd)pyrene	0.22
Dissolved Metals	
Manganese	1183
Sodium	81900
PCBs, Total	0.732
Pesticides	
Chlordane	2.01

GW-10 (B-14)	10/11/2018
SVOCs	
Benzo(a)anthracene	0.06 J
Benzo(a)pyrene	0.05 J
Benzo(b)fluoranthene	0.07 J
Benzo(k)fluoranthene	0.03 J
Chrysene	0.06 J
Indeno(1,2,3-cd)pyrene	0.03 J
Dissolved Metals	
Iron	2820
Manganese	487.2
Sodium	176000

GW-1 (B-1)	10/9/2018
SVOCs	
Benzo(a)anthracene	0.64
Benzo(a)pyrene	0.6
Benzo(b)fluoranthene	1.2
Benzo(k)fluoranthene	0.42
Chrysene	0.58
Indeno(1,2,3-cd)pyrene	0.58
Dissolved Metals	
Antimony	6.49 J
Iron	444
Manganese	571.1
Sodium	52800
PCBs, Total	6.15
Pesticides	
Chlordane	0.19 PI
Dieldrin	0.022 J

GW-5 (B-15)	10/10/2018
SVOCs	
Benzo(a)anthracene	0.33
Benzo(a)pyrene	0.3
Benzo(b)fluoranthene	0.62
Benzo(k)fluoranthene	0.26
Chrysene	0.36
Indeno(1,2,3-cd)pyrene	0.23
Dissolved Metals	
Manganese	440.8
Sodium	161000

Legend

- Former Spills Investigation Soil Boring Sample Location
- Historic Fill Investigation Soil Boring Sample Location
- Storm Drain Sediment Sample Location
- Former UST
- Inferred Groundwater Flow Direction

Sample ID	Date
VOCs	**AWQSGVs (ug/L)**
1,2,4,5-Tetramethylbenzene	5
Benzene	1
sec-Butylbenzene	5
SVOCs	**AWQSGVs (ug/L)**
Acenaphthene	20
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0.002
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Bis(2-ethylhexyl)phthalate	5
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002
Pentachlorophenol	2.0
Dissolved Metals	**AWQSGVs (ug/L)**
Antimony	3
Iron	300
Magnesium	35000
Manganese	300
Sodium	20000
PCBs, Total	0.09
Pesticides	**AWQSGVs (ug/L)**
Chlordane	0.05
Dieldrin	0.004

Attachment B
Tables

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
57 ALEXANDER STREET
YONKERS, NEW YORK

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Sample ID																			
			B-4 (9-10) 10/9/2018		B-5 (9-10) 10/9/2018		B-6 (9-10) 10/9/2018		B-10 (6-8) 10/10/2018		B-11 (5-7) 10/11/2018		B-12 (5-7) 10/9/2018		B-13 (5-6) 10/11/2018		B-14 (6-7) 10/11/2018		B-15 (3-5) 10/10/2018		B-16 (4-5) 10/10/2018	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, TCL	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
1,1,1,2-Tetrachloroethane	~	~	0.0016	U	0.15	U	0.0018	U	0.00076	U	0.031	U	0.099	U	0.0011	U	0.00056	U	0.035	U	11	U
1,1,1-Trichloroethane	0.68	100	0.0016	U	0.15	U	0.0018	U	0.00076	U	0.031	U	0.099	U	0.0014		0.00031	J	0.035	U	**11**	U
1,1,2,2-Tetrachloroethane	~	~	0.0016	U	0.15	U	0.0018	U	0.00076	U	0.031	U	0.099	U	0.0011	U	0.00056	U	0.035	U	11	U
1,1,2-Trichloroethane	~	~	0.0032	U	0.3	U	0.0035	U	0.0015	U	0.062	U	0.2	U	0.0022	U	0.0011	U	0.071	U	22	U
1,1-Dichloroethane	0.27	26.0	0.0032	U	**0.3**	U	0.0035	U	0.0015	U	0.062	U	0.2	U	0.0052		0.0011	U	0.071	U	**22**	U
1,1-Dichloroethene	0.33	100	0.0032	U	0.3	U	0.0035	U	0.0015	U	0.062	U	0.2	U	0.0022	U	0.0011	U	0.071	U	**22**	U
1,1-Dichloropropene	~	~	0.0016	U	0.15	U	0.0018	U	0.00076	U	0.031	U	0.099	U	0.0011	U	0.00056	U	0.035	U	11	U
1,2,3-Trichlorobenzene	~	~	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	45	U
1,2,3-Trichloropropane	~	~	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	45	U
1,2,4,5-Tetramethylbenzene	~	~	0.00066	J	23		0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.02	J	88	
1,2,4-Trichlorobenzene	~	~	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	45	U
1,2,4-Trimethylbenzene	3.6	52	0.004	J	0.6	U	0.0071	U	0.003	U	0.12	U	0.066	J	0.0044	U	0.0022	U	0.14	U	**740**	
1,2-Dibromo-3-chloropropane	~	~	0.0097	U	0.9	U	0.011	U	0.0046	U	0.19	U	0.59	U	0.0066	U	0.0034	U	0.21	U	67	U
1,2-Dibromoethane	~	~	0.0032	U	0.3	U	0.0035	U	0.0015	U	0.062	U	0.2	U	0.0022	U	0.0011	U	0.071	U	22	U
1,2-Dichlorobenzene	1.1	100	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	**45**	U
1,2-Dichloroethane	0.02	3.1	0.0032	U	**0.3**	U	0.0035	U	0.0015	U	**0.062**	U	**0.2**	U	0.0022	U	0.0011	U	**0.071**	U	**22**	U
1,2-Dichloroethene, Total	~	~	0.0032	U	0.3	U	0.0035	U	0.0015	U	0.062	U	0.26		0.0022	U	0.00056	J	0.071	U	22	U
1,2-Dichloropropane	~	~	0.0032	U	0.3	U	0.0035	U	0.0015	U	0.062	U	0.2	U	0.0022	U	0.0011	U	0.071	U	22	U
1,3,5-Trimethylbenzene	8.4	52	0.0017	J	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	**180**	
1,3-Dichlorobenzene	2.4	49	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	**45**	U
1,3-Dichloropropane	~	~	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	45	U
1,3-Dichloropropene, Total	~	~	0.0016	U	0.15	U	0.0018	U	0.00076	U	0.031	U	0.099	U	0.0011	U	0.00056	U	0.035	U	11	U
1,4-Dichlorobenzene	1.8	13	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	**45**	U
1,4-Dioxane	0.1	13	**0.32**	U	**30**	U	**0.35**	U	**0.15**	U	**6.2**	U	**20**	U	**0.22**	U	**0.11**	U	**7.1**	U	**2200**	U
2,2-Dichloropropane	~	~	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	45	U
2-Butanone	0.12	100	0.032	U	**3.0**	U	0.052		0.015	U	**0.62**	U	**2**	U	0.022	U	0.017		**0.71**	U	**220**	U
2-Hexanone	~	~	0.032	U	3.0	U	0.035	U	0.015	U	0.62	U	2	U	0.022	U	0.011	U	0.71	U	220	U
4-Methyl-2-pentanone	~	~	0.032	U	3.0	U	0.035	U	0.015	U	0.62	U	2	U	0.022	U	0.011	U	0.71	U	220	U
Acetone	0.05	100	0.028	J	**3.0**	U	**0.33**		0.03		**0.62**	U	**2**	U	**0.15**		**0.12**		**0.71**	U	**220**	U
Acrylonitrile	~	~	0.013	U	1.2	U	0.014	U	0.0061	U	0.25	U	0.79	U	0.0089	U	0.0045	U	0.28	U	90	U
Benzene	0.06	4.8	0.0016	U	**0.15**	U	0.0018	U	0.00076	U	**0.36**		**1.1**		0.0011	U	0.00056	U	0.035	U	**200**	
Bromobenzene	~	~	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	45	U
Bromochloromethane	~	~	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	45	U
Bromodichloromethane	~	~	0.0016	U	0.15	U	0.0018	U	0.00076	U	0.031	U	0.099	U	0.0011	U	0.00056	U	0.035	U	11	U
Bromoform	~	~	0.013	U	1.2	U	0.014	U	0.0061	U	0.25	U	0.79	U	0.0089	U	0.0045	U	0.28	U	90	U
Bromomethane	~	~	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	45	U
Carbon disulfide	~	~	0.032	U	3	U	0.035	U	0.015	U	0.62	U	2	U	0.022	U	0.011	U	0.71	U	220	U
Carbon tetrachloride	0.76	2.4	0.0032	U	0.3	U	0.0035	U	0.0015	U	0.062	U	0.2	U	0.0022	U	0.0011	U	0.071	U	**22**	U
Chlorobenzene	1.1	100	0.0016	U	0.15	U	0.0018	U	0.00076	U	0.031	U	0.099	U	0.0011	U	0.00056	U	0.035	U	**11**	U
Chloroethane	~	~	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	45	U
Chloroform	0.37	49	0.0048	U	**0.45**	U	0.0053	U	0.0023	U	0.094	U	0.3	U	0.0033	U	0.0017	U	0.11	U	**34**	U
Chloromethane	~	~	0.013	U	1.2	U	0.014	U	0.0061	U	0.25	U	0.79	U	0.0089	U	0.0045	U	0.28	U	90	U
cis-1,2-Dichloroethene	0.25	100	0.0032	U	**0.3**	U	0.0035	U	0.0015	U	0.062	U	**0.26**		0.0022	U	0.00056	J	0.071	U	**22**	U
cis-1,3-Dichloropropene	~	~	0.0016	U	0.15	U	0.0018	U	0.00076	U	0.031	U	0.099	U	0.0011	U	0.00056	U	0.035	U	11	U
Dibromochloromethane	~	~	0.0032	U	0.3	U	0.0035	U	0.0015	U	0.062	U	0.2	U	0.0022	U	0.0011	U	0.071	U	22	U
Dibromomethane	~	~	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	45	U
Dichlorodifluoromethane	~	~	0.032	U	3	U	0.035	U	0.015	U	0.62	U	2	U	0.022	U	0.011	U	0.71	U	220	U
Ethyl ether	~	~	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	45	U
Ethylbenzene	1	41	0.0032	U	0.3	U	0.0035	U	0.0015	U	0.046	J	0.038	J	0.0017	J	0.0011	U	0.071	U	**360**	
Hexachlorobutadiene	~	~	0.013	U	1.2	U	0.014	U	0.0061	U	0.25	U	0.79	U	0.0089	U	0.0045	U	0.28	U	90	U

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
57 ALEXANDER STREET
YONKERS, NEW YORK

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Sample ID																	
			B-4 (9-10) 10/9/2018		B-5 (9-10) 10/9/2018		B-6 (9-10) 10/9/2018		B-10 (6-8) 10/10/2018		B-11 (5-7) 10/11/2018		B-12 (5-7) 10/9/2018		B-13 (5-6) 10/11/2018		B-14 (6-7) 10/11/2018		B-15 (3-5) 10/10/2018		B-16 (4-5) 10/10/2018	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Isopropylbenzene	~	~	0.0032	U	0.099	J	0.0035	U	0.0015	U	0.062	U	0.2	U	0.0022	U	0.0011	U	0.071	U	22	
Methyl tert butyl ether	0.93	100	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	**45**	U
Methylene chloride	0.05	100	0.016	U	1.5	U	0.018	U	0.0076	U	**0.31**	U	**0.99**	U	0.011	U	0.0056	U	**0.35**	U	**110**	U
Naphthalene	12	100	0.062		1.2	U	0.014	U	0.0061	U	0.46		0.15	J	0.0089	U	0.0045	U	0.86		**14,000**	
n-Butylbenzene	12	100	0.0032	U	3.8		0.0035	U	0.0015	U	0.062	U	0.2	U	0.0022	U	0.0011	U	0.071	U	**36**	
n-Propylbenzene	3.9	100	0.0032	U	0.3	U	0.0035	U	0.0015	U	0.062	U	0.2	U	0.0022	U	0.0011	U	0.071	U	**110**	
o-Chlorotoluene	~	~	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	45	U
o-Xylene	~	~	0.0014	J	0.3	U	0.0035	U	0.0015	U	0.021	J	0.075	J	0.0029		0.0011	U	0.071	U	260	
p/m-Xylene	~	~	0.0028	J	0.6	U	0.0071	U	0.003	U	0.06	J	0.39	U	0.0088		0.0022	U	0.14	U	760	
p-Chlorotoluene	~	~	0.0065	U	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	45	U
p-Diethylbenzene	~	~	0.00097	J	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.02	J	230	
p-Ethyltoluene	~	~	0.0012	J	0.6	U	0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	330	
p-Isopropyltoluene	~	~	0.0032	U	0.3	U	0.0035	U	0.0015	U	0.062	U	0.2	U	0.0022	U	0.0011	U	0.0096	J	12	J
sec-Butylbenzene	11	100	0.0032	U	5.2		0.0035	U	0.0015	U	0.062	U	0.2	U	0.0022	U	0.0011	U	0.071	U	9.1	J
Styrene	~	~	0.0032	U	0.3	U	0.0035	U	0.0015	U	0.062	U	0.2	U	0.0022	U	0.0011	U	0.071	U	22	U
tert-Butylbenzene	5.9	100	0.0065	U	0.68		0.0071	U	0.003	U	0.12	U	0.39	U	0.0044	U	0.0022	U	0.14	U	**45**	U
Tetrachloroethene	1.3	19	0.0016	U	0.15	U	0.0018	U	0.00076	U	0.031	U	0.099	U	0.0011	U	0.00056	U	0.035	U	**11**	U
Toluene	0.7	100	0.0032	U	0.3	U	0.0035	U	0.0015	U	0.079		0.32		0.0022	U	0.0011	U	0.071	U	**97**	
trans-1,2-Dichloroethene	0.19	100	0.0048	U	**0.45**	U	0.0053	U	0.0023	U	0.094	U	**0.3**	U	0.0033	U	0.0017	U	0.11	U	**34**	U
trans-1,3-Dichloropropene	~	~	0.0032	U	0.3	U	0.0035	U	0.0015	U	0.062	U	0.2	U	0.0022	U	0.0011	U	0.071	U	22	U
trans-1,4-Dichloro-2-butene	~	~	0.016	U	1.5	U	0.018	U	0.0076	U	0.31	U	0.99	U	0.011	U	0.0056	U	0.35	U	110	U
Trichloroethene	0.47	21	0.0016	U	0.15	U	0.0018	U	0.00076	U	0.031	U	0.099	U	0.0011	U	0.00056	U	0.035	U	**11**	U
Trichlorofluoromethane	~	~	0.013	U	1.2	U	0.014	U	0.0061	U	0.25	U	0.79	U	0.0089	U	0.0045	U	0.28	U	90	U
Vinyl acetate	~	~	0.032	U	3	U	0.035	U	0.015	U	0.62	U	2	U	0.022	U	0.011	U	0.71	U	220	U
Vinyl chloride	0.02	0.9	0.0032	U	**0.3**	U	0.0035	U	0.0015	U	**0.062**	U	**0.2**	U	0.0022	U	0.00084	J	**0.071**	U	**22**	U
Xylenes, Total	0.26	100	0.0042	J	**0.3**	U	0.0035	U	0.0015	U	0.081	J	0.075	J	0.012		0.0011	U	0.071	U	**1,000**	
Semi-Volatiles, TCL	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
1,2,4,5-Tetrachlorobenzene	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
1,2,4-Trichlorobenzene	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
1,2-Dichlorobenzene	1.1	100	**9.4**	U	**6.4**	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	**1.9**	U
1,3-Dichlorobenzene	2.4	49	**9.4**	U	**6.4**	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
1,4-Dichlorobenzene	1.8	13	**9.4**	U	**6.4**	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	**1.9**	U
2,4,5-Trichlorophenol	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
2,4,6-Trichlorophenol	~	~	5.6	U	3.8	U	0.16	U	0.14	U	0.23	U	0.21	U	0.24	U	0.11	U	0.12	U	1.1	U
2,4-Dichlorophenol	~	~	8.4	U	5.8	U	0.24	U	0.21	U	0.34	U	0.32	U	0.36	U	0.16	U	0.18	U	1.7	U
2,4-Dimethylphenol	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
2,4-Dinitrophenol	~	~	45	U	31	U	1.3	U	1.1	U	1.8	U	1.7	U	1.9	U	0.88	U	0.94	U	9.2	U
2,4-Dinitrotoluene	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
2,6-Dinitrotoluene	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
2-Chloronaphthalene	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
2-Chlorophenol	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
2-Methylnaphthalene	~	~	110		7.7	U	0.32	U	0.044	J	0.096	J	0.88		0.062	J	0.22	U	0.058	J	350	
2-Methylphenol	0.33	100	**9.4**	U	**6.4**	U	0.27	U	0.23	U	**0.38**	U	**0.35**	U	**0.4**	U	0.18	U	0.2	U	**1.9**	U
2-Nitroaniline	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
2-Nitrophenol	~	~	20	U	14	U	0.58	U	0.5	U	0.83	U	0.76	U	0.85	U	0.4	U	0.42	U	4.1	U
3,3'-Dichlorobenzidine	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
3-Methylphenol/4-Methylphenol	0.33	100	**14**	U	**9.2**	U	**0.57**		0.039	J	**0.55**	U	0.14	J	**0.57**	U	0.06	J	**1.1**		**0.74**	J
3-Nitroaniline	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
4,6-Dinitro-o-cresol	~	~	24	U	17	U	0.7	U	0.61	U	1	U	0.91	U	1	U	0.48	U	0.51	U	5	U
4-Bromophenyl phenyl ether	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
4-Chloroaniline	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
57 ALEXANDER STREET
YONKERS, NEW YORK

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Sample ID																	
			B-4 (9-10) 10/9/2018		B-5 (9-10) 10/9/2018		B-6 (9-10) 10/9/2018		B-10 (6-8) 10/10/2018		B-11 (5-7) 10/11/2018		B-12 (5-7) 10/9/2018		B-13 (5-6) 10/11/2018		B-14 (6-7) 10/11/2018		B-15 (3-5) 10/10/2018		B-16 (4-5) 10/10/2018	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
4-Chlorophenyl phenyl ether	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
4-Nitroaniline	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
4-Nitrophenol	~	~	13	U	9	U	0.38	U	0.33	U	0.54	U	0.49	U	0.55	U	0.26	U	0.28	U	2.7	U
Acenaphthene	20	100	9.3		6.3		0.036	J	0.049	J	0.41		3		0.32	U	0.035	J	0.068	J	5.1	
Acenaphthylene	100	100	42		5.1	U	0.22	U	0.052	J	0.24	J	0.73		0.44		0.15	U	0.057	J	13	
Acetophenone	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.094	J	0.4	U	0.18	U	0.2	U	1.9	U
Anthracene	100	100	66		3.4	J	0.065	J	0.17		1.4		0.8		0.26		0.062	J	0.1	J	10	
Benzo(a)anthracene	1	1	**51**		0.79	J	0.22		0.4		**2.3**		0.68		**1.3**		0.16		0.24		**18**	
Benzo(a)pyrene	1	1	**29**		**5.1**	U	0.24		0.4		**2.2**		0.52		**1.7**		0.14	J	0.25		**6.2**	
Benzo(b)fluoranthene	1	1	**30**		**3.8**	U	0.3		0.5		**2.8**		0.7		**2.1**		0.17		0.3		**9.1**	
Benzo(ghi)perylene	100	100	12		5.1	U	0.15	J	0.43		1.3		0.4		1		0.086	J	0.21		3.9	
Benzo(k)fluoranthene	0.8	3.9	**8.5**		**3.8**	U	0.11	J	0.17		**0.86**		0.19	J	0.64		0.061	J	0.11	J	**2.3**	
Benzoic Acid	~	~	30	U	21	U	0.88	U	0.76	U	1.2	U	1.1	U	1.3	U	0.6	U	0.64	U	6.2	U
Benzyl Alcohol	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
Biphenyl	~	~	14	J	15	U	0.62	U	0.53	U	0.87	U	0.13	J	0.9	U	0.42	U	0.45	U	14	
Bis(2-chloroethoxy)methane	~	~	10	U	6.9	U	0.29	U	0.25	U	0.41	U	0.38	U	0.43	U	0.2	U	0.21	U	2.1	U
Bis(2-chloroethyl)ether	~	~	8.4	U	5.8	U	0.24	U	0.21	U	0.34	U	0.32	U	0.36	U	0.16	U	0.18	U	1.7	U
Bis(2-chloroisopropyl)ether	~	~	11	U	7.7	U	0.32	U	0.28	U	0.46	U	0.42	U	0.47	U	0.22	U	0.24	U	2.3	U
Bis(2-ethylhexyl)phthalate	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
Butyl benzyl phthalate	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
Carbazole	~	~	2.5	J	6.4	U	0.032	J	0.066	J	0.22	J	0.35	U	0.083	J	0.023	J	0.041	J	0.59	J
Chrysene	1	3.9	**51**		0.71	J	0.24		0.41		**2.3**		0.73		**1.4**		0.15		0.24		**19**	
Dibenzo(a,h)anthracene	0.33	0.33	**2.9**	**J**	**3.8**	U	0.034	J	0.082	J	0.3		0.1	J	0.32		0.11	U	0.051	J	**1.3**	
Dibenzofuran	7	59	6.5	J	6.4	U	0.27	U	0.056	J	0.34	J	0.053	J	0.044	J	0.024	J	0.057	J	1.8	J
Diethyl phthalate	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
Dimethyl phthalate	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
Di-n-butylphthalate	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
Di-n-octylphthalate	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
Fluoranthene	100	100	94		2.2	J	0.55		0.76		4.8		1.4		1.4		0.37		0.43		25	
Fluorene	30	100	**57**		12		0.044	J	0.047	J	0.55		1.5		0.049	J	0.032	J	0.075	J	13	
Hexachlorobenzene	0.33	1.2	**5.6**	U	**3.8**	U	0.16	U	0.14	U	0.23	U	0.21	U	0.24	U	0.11	U	0.12	U	**1.1**	U
Hexachlorobutadiene	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
Hexachlorocyclopentadiene	~	~	27	U	18	U	0.77	U	0.67	U	1.1	U	1	U	1.1	U	0.52	U	0.56	U	5.4	U
Hexachloroethane	~	~	7.5	U	5.1	U	0.22	U	0.19	U	0.31	U	0.28	U	0.32	U	0.15	U	0.16	U	1.5	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	**10**		**5.1**	U	0.17	J	0.38		**1.4**		0.36		**1.1**		0.08	J	0.22		**3.6**	
Isophorone	~	~	8.4	U	5.8	U	0.24	U	0.21	U	0.34	U	0.32	U	0.36	U	0.16	U	0.18	U	1.7	U
Naphthalene	12	100	**86**		3.6	J	0.052	J	0.17	J	0.2	J	5.2		0.15	J	0.067	J	0.21		**1400**	
NDPA/DPA	~	~	7.5	U	5.1	U	0.22	U	0.19	U	0.31	U	0.28	U	0.32	U	0.15	U	0.16	U	1.5	U
Nitrobenzene	~	~	8.4	U	5.8	U	0.24	U	0.21	U	0.34	U	0.32	U	0.36	U	0.16	U	0.18	U	1.7	U
n-Nitrosodi-n-propylamine	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
p-Chloro-m-cresol	~	~	9.4	U	6.4	U	0.27	U	0.23	U	0.38	U	0.35	U	0.4	U	0.18	U	0.2	U	1.9	U
Pentachlorophenol	0.8	6.7	**7.5**	U	**5.1**	U	0.22	U	0.19	U	0.31	U	0.28	U	0.32	U	0.15	U	0.16	U	**1.5**	U
Phenanthrene	100	100	**260**		11		0.4		0.64		3.3		3.3		0.62		0.25		0.35		51	
Phenol	0.33	100	**9.4**	U	**6.4**	U	0.048	J	0.23	U	**0.38**	U	**0.35**	U	**0.4**	U	0.18	U	0.048	J	**1.9**	U
Pyrene	100	100	**140**		4.3		0.48		0.69		4.3		1.8		1.5		0.32		0.4		37	
Pesticides, TCL	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
4,4'-DDD	0.0033	13	**0.0885**	U	**0.691**	U	**0.0255**	U	0.00222	U	**0.18**	U	**0.0164**	U	0.00182	U	**0.089**	U	**0.0185**	U	**0.37**	U
4,4'-DDE	0.0033	8.9	**0.0885**	U	**0.691**	U	**0.0255**	U	0.00222	U	**0.18**	U	**0.0164**	U	0.00182	U	**0.089**	U	**0.0185**	U	**0.37**	U
4,4'-DDT	0.0033	7.9	**0.166**	U	**1.3**	U	**0.0478**	U	**0.00415**	U	**0.339**	U	**0.0307**	U	**0.00342**	U	**0.167**	U	**0.0347**	U	**0.695**	U
Aldrin	0.005	0.097	**0.0885**	U	**0.691**	U	**0.0255**	U	0.00222	U	**0.18**	U	**0.0164**	U	0.00182	U	**0.089**	U	**0.0185**	U	**0.37**	U
Alpha-BHC	0.02	0.48	**0.0369**	U	**0.288**	U	0.0106	U	0.000923	U	**0.0752**	U	0.00682	U	0.00076	U	**0.0371**	U	0.00771	U	**0.154**	U

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
57 ALEXANDER STREET
YONKERS, NEW YORK

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Sample ID																	
			B-4 (9-10) 10/9/2018		B-5 (9-10) 10/9/2018		B-6 (9-10) 10/9/2018		B-10 (6-8) 10/10/2018		B-11 (5-7) 10/11/2018		B-12 (5-7) 10/9/2018		B-13 (5-6) 10/11/2018		B-14 (6-7) 10/11/2018		B-15 (3-5) 10/10/2018		B-16 (4-5) 10/10/2018	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Beta-BHC	0.036	0.36	**0.0885**	U	**0.691**	U	0.0255	U	0.00222	U	**0.18**	U	0.0164	U	0.00182	U	**0.089**	U	0.0185	U	**0.37**	U
Chlordane	~	~	0.719	U	5.61	U	0.207	U	0.018	U	1.47	U	0.133	U	0.0148	U	0.723	U	0.15	U	3.01	U
cis-Chlordane	0.094	4.2	**0.111**	U	**0.864**	U	0.0319	U	0.00277	U	**0.226**	U	0.0205	U	0.00228	U	**0.111**	U	0.0231	U	**0.463**	U
Delta-BHC	0.04	100	**0.0885**	U	**0.691**	U	0.0255	U	0.00222	U	**0.18**	U	0.0164	U	0.00182	U	**0.089**	U	0.0185	U	**0.37**	U
Dieldrin	0.005	0.2	**0.0553**	U	**0.432**	U	**0.0159**	U	0.00138	U	**0.113**	U	**0.0102**	U	0.00114	U	**0.0556**	U	**0.0116**	U	**0.232**	U
Endosulfan I	2.4	24	0.0885	U	0.691	U	0.0255	U	0.00222	U	0.18	U	0.0164	U	0.00182	U	0.089	U	0.0185	U	0.37	U
Endosulfan II	2.4	24	0.0885	U	0.691	U	0.0255	U	0.00222	U	0.18	U	0.0164	U	0.00182	U	0.089	U	0.0185	U	0.37	U
Endosulfan sulfate	2.4	24	0.0369	U	0.288	U	0.0106	U	0.000923	U	0.0752	U	0.00682	U	0.00076	U	0.0371	U	0.00771	U	0.154	U
Endrin	0.014	11	**0.0369**	U	**0.288**	U	0.0106	U	0.000923	U	**0.0752**	U	0.00682	U	0.00076	U	**0.0371**	U	0.00771	U	**0.154**	U
Endrin aldehyde	~	~	0.111	U	0.864	U	0.0319	U	0.00277	U	0.226	U	0.0205	U	0.00228	U	0.111	U	0.0231	U	0.463	U
Endrin ketone	~	~	0.0885	U	0.691	U	0.0255	U	0.00222	U	0.18	U	0.0164	U	0.00182	U	0.089	U	0.0185	U	0.37	U
Heptachlor	0.042	2.1	**0.0442**	U	**0.345**	U	0.0128	U	0.00111	U	**0.0903**	U	0.00818	U	0.000912	U	**0.0445**	U	0.00925	U	**0.185**	U
Heptachlor epoxide	~	~	0.166	U	1.3	U	0.0478	U	0.00415	U	0.339	U	0.0307	U	0.00342	U	0.167	U	0.0347	U	0.695	U
Lindane	0.1	1.3	0.0369	U	**0.288**	U	0.0128		0.000923	U	0.0576	J	0.00682	U	0.00076	U	0.0371	U	0.00771	U	**0.154**	U
Methoxychlor	~	~	0.166	U	1.3	U	0.0478	U	0.00415	U	0.339	U	0.0307	U	0.00342	U	0.167	U	0.0347	U	0.695	U
Toxaphene	~	~	1.66	U	13	U	0.478	U	0.0415	U	3.39	U	0.307	U	0.0342	U	1.67	U	0.347	U	6.95	U
trans-Chlordane	~	~	0.111	U	0.864	U	0.0319	U	0.00277	U	0.226	U	0.0205	U	0.00228	U	0.111	U	0.0231	U	0.463	U
Metals, Total Analyte List	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Aluminum, Total	~	~	11700		5090		3950		4990		6090		3070		4660		9270		5810		7570	
Antimony, Total	~	~	4.39	U	2.44	J	6.16	U	2.3	J	0.732	J	1.59	J	1.15	J	4.4	U	0.725	J	4.62	U
Arsenic, Total	13	16	4.28		**15.7**		8.89		**13**		9.35		11.3		6.54		2.9		**14.4**		1.92	
Barium, Total	350	400	58.8		51.3		79		85.2		32.9		36.2		42.6		35		52.3		74.8	
Beryllium, Total	7.2	72	0.439	U	0.575	J	0.148	J	0.167	J	0.262	J	0.137	J	0.163	J	0.361	J	0.181	J	0.249	J
Cadmium, Total	2.5	4.3	0.606	J	**10.5**		**5.68**		1.06	J	0.904	U	1.71	U	0.904	U	0.88	U	0.308	J	0.111	J
Calcium, Total	~	~	9600		7490		5750		6750		4070		88900		986		1040		2270		12000	
Chromium, Total	~	~	13.3		18.8		14.2		12		15.2		8.74		13.2		14.4		14.1		24.1	
Cobalt, Total	~	~	8.55		9.25		6.01		6.73		11.4		4.77		13.2		6.34		6.83		6.21	
Copper, Total	50	270	**108**		**166**		38.7		**89.2**		32.3		40.9		**216**		13.7		**75.1**		23.3	
Iron, Total	~	~	18600		74400		54000		20100		42000		27700		39600		15600		15600		10600	
Lead, Total	63	400	**232**		**1,060**		**760**		**270**		23.1		**366**		37.2		22.9		**272**		44	
Magnesium, Total	~	~	4450		1210		1330		3410		2390		42800		1450		2460		2590		4650	
Manganese, Total	1600	2000	181		846		386		185		453		214		702		288		147		214	
Nickel, Total	30	310	17.1		11.6		10.7		14.1		26.3		10		17.6		12.4		15.2		16.8	
Potassium, Total	~	~	710		402		451		740		636		467		522		598		1000		1070	
Selenium, Total	3.9	180	0.676	J	1.4	J	0.456	J	0.947	J	0.461	J	0.96	J	0.614	J	1.76	U	0.743	J	1.85	U
Silver, Total	2	180	0.878	U	0.611	J	1.23	U	1.11	U	0.904	U	1.71	U	0.904	U	0.88	U	0.906	U	0.923	U
Sodium, Total	~	~	1370		464		297		370		184		280	J	86.6	J	62.3	J	232		236	
Thallium, Total	~	~	1.76	U	0.892	J	0.394	J	2.23	U	1.81	U	3.43	U	1.81	U	1.76	U	1.81	U	1.85	U
Vanadium, Total	~	~	74.9		32.1		21.6		36.8		33.4		16		24.5		19		23.7		19	
Zinc, Total	109	10000	**382**		**4,610**		**2,770**		**310**		37.3		37.9		73.2		32.6		68.9		34.6	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Mercury	0.18	0.81	**0.37**		**27.4**		**1.38**		**0.577**		**1.86**		**0.308**		0.082		0.138		0.154		0.114	
Chromium, Hexavalent	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chromium, Hexavalent	1	110	0.598	J	**1.23**	U	**1.31**	U	**1.31**		0.922	U	**1.72**	U	0.962	U	0.903	U	0.964	U	0.938	U
Chromium, Trivalent	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chromium, Trivalent	30	180	13	J	19		14		11		15		8.7		13		14		14		24	
Cyanide, Total	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Cyanide, total	27	27	0.94	J	1.9		1.5	U	1.4	U	1.1	U	2.1	U	1.2	U	1	U	1.2	U	1.2	

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
57 ALEXANDER STREET
YONKERS, NEW YORK

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Sample ID																	
			B-4 (9-10) 10/9/2018		B-5 (9-10) 10/9/2018		B-6 (9-10) 10/9/2018		B-10 (6-8) 10/10/2018		B-11 (5-7) 10/11/2018		B-12 (5-7) 10/9/2018		B-13 (5-6) 10/11/2018		B-14 (6-7) 10/11/2018		B-15 (3-5) 10/10/2018		B-16 (4-5) 10/10/2018	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Aroclor 1016	~	~	0.0363	U	0.0492	U	0.053	U	0.0454	U	0.0377	U	0.069	U	0.0397	U	0.037	U	0.0384	U	0.0376	U
Aroclor 1221	~	~	0.0363	U	0.0492	U	0.053	U	0.0454	U	0.0377	U	0.069	U	0.0397	U	0.037	U	0.0384	U	0.0376	U
Aroclor 1232	~	~	0.0363	U	0.0492	U	0.053	U	0.0454	U	0.0377	U	0.069	U	0.0397	U	0.037	U	0.0384	U	0.0376	U
Aroclor 1242	~	~	0.0363	U	0.0492	U	0.053	U	0.0454	U	0.0377	U	0.069	U	0.0397	U	0.037	U	0.0384	U	0.0376	U
Aroclor 1248	~	~	0.0363	U	0.0492	U	0.053	U	0.0454	U	0.0377	U	0.069	U	0.0397	U	0.037	U	0.0384	U	0.0376	U
Aroclor 1254	~	~	0.0363	U	0.0492	U	0.053	U	0.0454	U	0.0377	U	0.069	U	0.0397	U	0.037	U	0.0384	U	0.0376	U
Aroclor 1260	~	~	0.0363	U	0.0492	U	0.053	U	0.0454	U	0.0377	U	0.069	U	0.0397	U	0.037	U	0.0384	U	0.0376	U
Aroclor 1262	~	~	0.0363	U	0.0492	U	0.053	U	0.0454	U	0.0377	U	0.069	U	0.0397	U	0.037	U	0.0384	U	0.0376	U
Aroclor 1268	~	~	0.0363	U	0.0492	U	0.053	U	0.00518	J	0.0377	U	0.069	U	0.0397	U	0.037	U	0.0384	U	0.0376	U
Total PCBs	0.1	1	0.0363	U	0.0492	U	0.053	U	0.00518	J	0.0377	U	0.069	U	0.0397	U	0.037	U	0.0384	U	0.0376	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
Analyte was detected above NYSDEC Part 375 Unrestricted Soil Cleanup Objective
Analyte was detected above NYSDEC Part 375 Restricted Soil Cleanup Objective (Residential)

TABLE 2
SUMMARY OF HISTORIC FILL ANALYTICAL DATA
57 ALEXANDER STREET
YONKERS, NEW YORK

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Sample ID																							
			B-1 (0-2) 10/9/2018		B-1 (8-10) 10/9/2018		B-2 (0-2) 10/9/2018		B-2 (8-10) 10/9/2018		B-3 (0-2) 10/9/2018		B-3 (8-10) 10/9/2018		B-7 (0-2) 10/10/2018		B-7 (8-10) 10/10/2018		B-8 (0-2) 10/10/2018		B-8 (8-10) 10/10/2018		B-9 (0-2) 10/10/2018		B-9 (8-10) 10/10/2018	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, TCL	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
1,1,1,2-Tetrachloroethane	~	~	0.00057	U	0.00110	U	0.00054	U	0.00066	U	0.00084	U	0.06800	U	0.00089	U	0.00066	U	0.00098	U	0.00062	U	0.00061	U	0.00086	U
1,1,1-Trichloroethane	0.68	100	0.00057	U	0.00110	U	0.00054	U	0.00066	U	0.00084	U	0.06800	U	0.00089	U	0.00066	U	0.00098	U	0.00062	U	0.00061	U	0.00086	U
1,1,2,2-Tetrachloroethane	~	~	0.00057	U	0.00110	U	0.00054	U	0.00066	U	0.00084	U	0.06800	U	0.00089	U	0.00066	U	0.00098	U	0.00062	U	0.00061	U	0.00086	U
1,1,2-Trichloroethane	~	~	0.0011	U	0.0021	U	0.00110	U	0.00130	U	0.00170	U	0.14000	U	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
1,1-Dichloroethane	0.27	26.0	0.00110	U	0.00210	U	0.00110	U	0.00130	U	0.00170	U	0.14000	U	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
1,1-Dichloroethene	0.33	100	0.00110	U	0.00210	U	0.00110	U	0.00130	U	0.00170	U	0.14000	U	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
1,1-Dichloropropene	~	~	0.0006	U	0.00110	U	0.00054	U	0.00066	U	0.00084	U	0.06800	U	0.00089	U	0.00066	U	0.00098	U	0.00062	U	0.00061	U	0.00086	U
1,2,3-Trichlorobenzene	~	~	0.00230	U	0.00430	U	0.00220	U	0.00260	U	0.00340	U	0.27000	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
1,2,3-Trichloropropane	~	~	0.00230	U	0.00430	U	0.00220	U	0.00260	U	0.00340	U	0.27000	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
1,2,4,5-Tetramethylbenzene	~	~	0.0023	U	0.0043	U	0.0022	U	0.0010	J	0.0034	U	0.2700	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
1,2,4-Trichlorobenzene	~	~	0.00230	U	0.00430	U	0.00220	U	0.00260	U	0.00065	J	0.27000	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
1,2,4-Trimethylbenzene	3.6	52	0.0023	U	0.00074	J	0.0022	U	0.0011	J	0.0034	U	0.0570	J	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
1,2-Dibromo-3-chloropropane	~	~	0.00340	U	0.00640	U	0.00330	U	0.00400	U	0.00510	U	0.40000	U	0.0053	U	0.004	U	0.0059	U	0.0038	U	0.0037	U	0.0051	U
1,2-Dibromoethane	~	~	0.00110	U	0.00210	U	0.00110	U	0.00130	U	0.00170	U	0.14000	U	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
1,2-Dichlorobenzene	1.1	100	0.00230	U	0.00430	U	0.00220	U	0.00260	U	0.00100	J	0.27000	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
1,2-Dichloroethane	0.02	3.1	0.00110	U	0.00210	U	0.00110	U	0.00130	U	0.00170	U	**0.14000**	**U**	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
1,2-Dichloroethene, Total	~	~	0.00110	U	0.00210	U	0.00110	U	0.00130	U	0.00170	U	0.14000	U	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
1,2-Dichloropropane	~	~	0.00110	U	0.00210	U	0.00110	U	0.00130	U	0.00170	U	0.14000	U	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
1,3,5-Trimethylbenzene	8.4	52	0.00230	U	0.00430	U	0.00220	U	0.00044	J	0.00340	U	0.05000	J	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
1,3-Dichlorobenzene	2.4	49	0.00230	U	0.00430	U	0.00220	U	0.00260	U	0.00280	J	0.27000	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
1,3-Dichloropropane	~	~	0.0023	U	0.0043	U	0.00220	U	0.00260	U	0.00340	U	0.27000	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
1,3-Dichloropropene, Total	~	~	0.00057	U	0.00110	U	0.00054	U	0.00066	U	0.00084	U	0.06800	U	0.00089	U	0.00066	U	0.00098	U	0.00062	U	0.00061	U	0.00086	U
1,4-Dichlorobenzene	1.8	13	0.00230	U	0.00430	U	0.00220	U	0.00260	U	0.03000		0.27000	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
1,4-Dioxane	0.1	13	**0.11000**	**U**	**0.21000**	**U**	**0.11000**	**U**	**0.13000**	**U**	**0.17000**	**U**	**14.000**	**U**	**0.18**	**U**	**0.13**	**U**	**0.2**	**U**	**0.12**	**U**	**0.12**	**U**	**0.17**	**U**
2,2-Dichloropropane	~	~	0.0023	U	0.0043	U	0.00220	U	0.00260	U	0.00340	U	0.27000	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
2-Butanone	0.12	100	0.02400		0.02100		0.00990	J	0.01800		0.01300	J	**1.40000**	**U**	0.018	U	0.013	U	0.02	U	0.012	U	0.012	U	0.017	U
2-Hexanone	~	~	0.01100	U	0.02100	U	0.01100	U	0.01300	U	0.01700	U	1.40000	U	0.018	U	0.013	U	0.02	U	0.012	U	0.012	U	0.017	U
4-Methyl-2-pentanone	~	~	0.01100	U	0.02100	U	0.01100	U	0.01300	U	0.01700	U	1.40000	U	0.018	U	0.013	U	0.02	U	0.012	U	0.012	U	0.017	U
Acetone	0.05	100	**0.16**		**0.13**		**0.079**		**0.11**		**0.14**		**1.40000**	**U**	0.028		0.038		0.014	J	**0.056**		**0.056**		**0.093**	
Acrylonitrile	~	~	0.00460	U	0.00850	U	0.00440	U	0.00530	U	0.00680	U	0.54000	U	0.0071	U	0.0053	U	0.0078	U	0.005	U	0.0049	U	0.0068	U
Benzene	0.06	4.8	0.00057	U	0.00110	U	0.00054	U	0.00066	U	0.00055	J	0.04000	J	0.00089	U	0.00066	U	0.00098	U	0.00062	U	0.00061	U	0.00086	U
Bromobenzene	~	~	0.00230	U	0.00430	U	0.00220	U	0.00260	U	0.00340	U	0.27000	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
Bromochloromethane	~	~	0.00230	U	0.00430	U	0.00220	U	0.00260	U	0.00340	U	0.27000	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
Bromodichloromethane	~	~	0.00057	U	0.00110	U	0.00054	U	0.00066	U	0.00084	U	0.06800	U	0.00089	U	0.00066	U	0.00098	U	0.00062	U	0.00061	U	0.00086	U
Bromoform	~	~	0.00460	U	0.00850	U	0.00440	U	0.00530	U	0.00680	U	0.54000	U	0.0071	U	0.0053	U	0.0078	U	0.005	U	0.0049	U	0.0068	U
Bromomethane	~	~	0.00230	U	0.00430	U	0.00220	U	0.00260	U	0.00340	U	0.27000	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
Carbon disulfide	~	~	0.0110	U	0.0210	U	0.0110	U	0.0130	U	0.0170	U	1.4000	U	0.018	U	0.013	U	0.02	U	0.012	U	0.012	U	0.017	U
Carbon tetrachloride	0.76	2.4	0.0011	U	0.0021	U	0.0011	U	0.0013	U	0.0017	U	0.1400	U	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
Chlorobenzene	1.1	100	0.0006	U	0.0008	J	0.0005	U	0.0007	U	0.0290		0.0680	U	0.00089	U	0.00066	U	0.00098	U	0.00062	U	0.00061	U	0.00086	U
Chloroethane	~	~	0.0023	U	0.0043	U	0.0022	U	0.0026	U	0.003	U	0.270	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
Chloroform	0.37	49	0.0017	U	0.0032	U	0.0016	U	0.0020	U	0.003	U	0.200	U	0.0027	U	0.002	U	0.0029	U	0.0019	U	0.0018	U	0.0026	U
Chloromethane	~	~	0.0046	U	0.0085	U	0.0044	U	0.0053	U	0.007	U	0.540	U	0.0071	U	0.0053	U	0.0078	U	0.005	U	0.0049	U	0.0068	U
cis-1,2-Dichloroethene	0.25	100	0.0011	U	0.0021	U	0.0011	U	0.0013	U	0.002	U	0.140	U	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
cis-1,3-Dichloropropene	~	~	0.0006	U	0.0011	U	0.0005	U	0.0007	U	0.001	U	0.068	U	0.00089	U	0.00066	U	0.00098	U	0.00062	U	0.00061	U	0.00086	U
Dibromochloromethane	~	~	0.0011	U	0.0021	U	0.0011	U	0.0013	U	0.002	U	0.140	U	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
Dibromomethane	~	~	0.0023	U	0.0043	U	0.0022	U	0.0026	U	0.003	U	0.270	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
Dichlorodifluoromethane	~	~	0.0110	U	0.0210	U	0.0110	U	0.0130	U	0.017	U	1.4000	U	0.018	U	0.013	U	0.02	U	0.012	U	0.012	U	0.017	U
Ethyl ether	~	~	0.0023	U	0.0043	U	0.0022	U	0.0026	U	0.0034	U	0.2700	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
Ethylbenzene	1	41	0.000	J	0.002	U	0.001	U	0.0002	J	0.000	J	0.026	J	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
Hexachlorobutadiene	~	~	0.0046	U	0.0085	U	0.0044	U	0.0053	U	0.0068	U	0.5400	U	0.0071	U	0.0053	U	0.0078	U	0.005	U	0.0049	U	0.0068	U
Isopropylbenzene	~	~	0.0011	U	0.0021	U	0.0011	U	0.0013	U	0.0017	U	0.1400	U	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
Methyl tert butyl ether	0.93	100	0.0023	U	0.0043	U	0.0022	U	0.0026	U	0.003	U	0.270	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
Methylene chloride	0.05	100	0.0057	U	0.0110	U	0.0054	U	0.0066	U	0.0084	U	**0.6800**	**U**	0.0089	U	0.0066	U	0.0098	U	0.0062	U	0.0061	U	0.0086	U
Naphthalene	12	100	0.0046	U	0.0024	J	0.0044	U	0.0056		0.0068	U	0.7800		0.0071	U	0.0053	U	0.0078	U	0.005	U	0.001	J	0.0068	U
n-Butylbenzene	12	100	0.0011	U	0.0021	U	0.0011	U	0.0013	U	0.002	U	0.140	U	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
n-Propylbenzene	3.9	100	0.0011	U	0.0021	U	0.0011	U	0.0013	U	0.0017	U	0.1400	U	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
o-Chlorotoluene	~	~	0.00230	U	0.00430	U	0.00220	U	0.00260	U	0.00340	U	0.27000	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
o-Xylene	~	~	0.00054	J	0.00210	U	0.00110	U	0.00130	U	0.00170	U	0.04000	J	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
p/m-Xylene	~	~	0.00140	J	0.00120	J	0.00220	U	0.00260	U	0.00120	J	0.27000	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U

TABLE 2
SUMMARY OF HISTORIC FILL ANALYTICAL DATA
57 ALEXANDER STREET
YONKERS, NEW YORK

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Sample ID																					
			B-1 (0-2) 10/9/2018		B-1 (8-10) 10/9/2018		B-2 (0-2) 10/9/2018		B-2 (8-10) 10/9/2018		B-3 (0-2) 10/9/2018		B-3 (8-10) 10/9/2018		B-7 (0-2) 10/10/2018		B-7 (8-10) 10/10/2018		B-8 (0-2) 10/10/2018		B-8 (8-10) 10/10/2018		B-9 (0-2) 10/10/2018		B-9 (8-10) 10/10/2018	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
p-Chlorotoluene	~	~	0.00230	U	0.00430	U	0.00220	U	0.00260	U	0.00340	U	0.27000	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
p-Diethylbenzene	~	~	0.00230	U	0.00060	J	0.00220	U	0.00038	J	0.00340	U	0.04300	J	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
p-Ethyltoluene	~	~	0.00230	U	0.00430	U	0.00220	U	0.00260	U	0.00340	U	0.27000	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
p-Isopropyltoluene	~	~	0.00110	U	0.00210	U	0.00110	U	0.00130	U	0.00170	U	0.42000		0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
sec-Butylbenzene	11	100	0.00110	U	0.00210	U	0.00110	U	0.00130	U	0.00170	U	0.14000	U	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
Styrene	~	~	0.00110	U	0.00210	U	0.00110	U	0.00130	U	0.00170	U	0.14000	U	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
tert-Butylbenzene	5.9	100	0.00230	U	0.00430	U	0.00220	U	0.00260	U	0.00340	U	0.27000	U	0.0036	U	0.0027	U	0.0039	U	0.0025	U	0.0024	U	0.0034	U
Tetrachloroethene	1.3	19	0.00057	U	0.00110	U	0.00054	U	0.00066	U	0.00084	U	0.06800	U	0.00089	U	0.00066	U	0.00098	U	0.00062	U	0.00061	U	0.00086	U
Toluene	0.7	100	0.00110	U	0.00210	U	0.00110	U	0.00130	U	0.00170	U	0.21000		0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
trans-1,2-Dichloroethene	0.19	100	0.00170	U	0.00320	U	0.00160	U	0.00200	U	0.00250	U	**0.20000**	**U**	0.0027	U	0.002	U	0.0029	U	0.0019	U	0.0018	U	0.0026	U
trans-1,3-Dichloropropene	~	~	0.00110	U	0.00210	U	0.00110	U	0.00130	U	0.00170	U	0.14000	U	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
trans-1,4-Dichloro-2-butene	~	~	0.00570	U	0.01100	U	0.00540	U	0.00660	U	0.00840	U	0.68000	U	0.0089	U	0.0066	U	0.0098	U	0.0062	U	0.0061	U	0.0086	U
Trichloroethene	0.47	21	0.00057	U	0.0011	U	0.00054	U	0.00066	U	0.00084	U	0.06800	U	0.00089	U	0.00066	U	0.00098	U	0.00062	U	0.00061	U	0.00086	
Trichlorofluoromethane	~	~	0.00460	U	0.0085	U	0.00440	U	0.00530	U	0.00680	U	0.54000	U	0.0071	U	0.0053	U	0.0078	U	0.005	U	0.0049	U	0.0068	U
Vinyl acetate	~	~	0.01100	U	0.0210	U	0.01100	U	0.01300	U	0.01700	U	1.40000	U	0.018	U	0.013	U	0.02	U	0.012	U	0.012	U	0.017	U
Vinyl chloride	0.02	0.9	0.00110	U	0.0021	U	0.00110	U	0.00130	U	0.00170	U	**0.14000**	**U**	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
Xylenes, Total	0.26	100	0.00190	J	0.0012	J	0.00110	U	0.00130	U	0.00120	J	0.04000	J	0.0018	U	0.0013	U	0.002	U	0.0012	U	0.0012	U	0.0017	U
Semi-Volatiles, TCL	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
1,2,4,5-Tetrachlorobenzene	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.096	J	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
1,2,4-Trichlorobenzene	~	~	0.19	U	0.2	U	0.2	U	0.21	U	1.6		0.25	U	0.18	U	0.24	U	0.19	U	0.032	J	0.22	U	0.19	U
1,2-Dichlorobenzene	1.1	100	0.19	U	0.2	U	0.2	U	0.21	U	0.39		0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
1,3-Dichlorobenzene	2.4	49	0.19	U	0.2	U	0.2	U	0.21	U	1.8		0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
1,4-Dichlorobenzene	1.8	13	0.19	U	0.2	U	0.2	U	0.21	U	**14**		0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
2,4,5-Trichlorophenol	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
2,4,6-Trichlorophenol	~	~	0.12	U	0.12	U	0.12	U	0.13	U	0.11	U	0.15	U	0.11	U	0.14	U	0.11	U	0.11	U	0.13	U	0.11	U
2,4-Dichlorophenol	~	~	0.18	U	0.18	U	0.18	U	0.19	U	0.17	U	0.22	U	0.16	U	0.21	U	0.17	U	0.17	U	0.2	U	0.17	U
2,4-Dimethylphenol	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.18	J	0.22	U	0.19	U
2,4-Dinitrophenol	~	~	0.93	U	0.96	U	0.98	U	1	U	0.91	U	1.2	U	0.88	U	1.1	U	0.92	U	0.91	U	1	U	0.92	U
2,4-Dinitrotoluene	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
2,6-Dinitrotoluene	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
2-Chloronaphthalene	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
2-Chlorophenol	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
2-Methylnaphthalene	~	~	0.029	J	0.14	J	0.079	J	3.1		0.26		0.18	J	0.034	J	0.056	J	0.39		3.7		0.26	U	0.44	
2-Methylphenol	0.33	100	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.11	J	0.22	U	0.19	U
2-Nitroaniline	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
2-Nitrophenol	~	~	0.42	U	0.43	U	0.44	U	0.46	U	0.41	U	0.54	U	0.39	U	0.51	U	0.41	U	0.41	U	0.47	U	0.41	U
3,3'-Dichlorobenzidine	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
3-Methylphenol/4-Methylphenol	0.33	100	0.28	U	0.047	J	0.29	U	0.3	U	0.038	J	**4.7**		0.26	U	**0.34**	**U**	0.28	U	**0.43**		0.32	U	0.041	J
3-Nitroaniline	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
4,6-Dinitro-o-cresol	~	~	0.5	U	0.52	U	0.53	U	0.55	U	0.49	U	0.65	U	0.48	U	0.61	U	0.5	U	0.49	U	0.57	U	0.5	U
4-Bromophenyl phenyl ether	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
4-Chloroaniline	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
4-Chlorophenyl phenyl ether	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
4-Nitroaniline	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
4-Nitrophenol	~	~	0.27	U	0.28	U	0.28	U	0.3	U	0.26	U	0.35	U	0.26	U	0.33	U	0.27	U	0.26	U	0.31	U	0.27	U
Acenaphthene	20	100	0.16	U	1.2		0.2		6.5		0.12	J	0.35		0.083	J	0.052	J	0.11	J	11		0.18	U	1.3	
Acenaphthylene	100	100	0.16	U	0.33		0.25		0.6		0.51		0.2	U	0.24		0.19	U	0.36		1.2		0.18	U	0.43	
Acetophenone	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
Anthracene	100	100	0.12	U	4.3		0.66		14		0.7		0.4		0.39		0.12	J	0.53		15		0.13	U	3	
Benzo(a)anthracene	1	1	0.11	J	**5.9**		**1.1**		**16**		**2.2**		0.8		**1.6**		0.32		**1.5**		**19**		0.13	U	**4.7**	
Benzo(a)pyrene	1	1	0.094	J	**5.3**		0.89		**11**		**2.2**		0.88		**1.2**		0.27		**1.3**		**17**		0.18	U	**4.1**	
Benzo(b)fluoranthene	1	1	0.12		**6.7**		**1.3**		**15**		**3.1**		0.95		**2.0**		0.34		**2.0**		**21**		0.13	U	**5.4**	
Benzo(ghi)perylene	100	100	0.054	J	5		0.48		7		1.3		0.52		0.88		0.15	J	0.78		11		0.18	U	2.8	
Benzo(k)fluoranthene	0.8	3.9	0.039	J	**3.4**		0.42		**4.7**		**0.91**		0.29		0.67		0.12	J	0.66		**2.9**		0.13	U	**1.5**	
Benzoic Acid	~	~	0.63	U	0.65	U	0.66	U	0.69	U	0.61	U	0.81	U	0.59	U	0.76	U	0.62	U	0.61	U	0.71	U	0.62	U
Benzyl Alcohol	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
Biphenyl	~	~	0.44	U	0.054	J	0.46	U	0.68		0.052	J	0.062	J	0.42	U	0.54	U	0.058	J	1.5		0.5	U	0.18	J
Bis(2-chloroethoxy)methane	~	~	0.21	U	0.22	U	0.22	U	0.23	U	0.2	U	0.27	U	0.2	U	0.25	U	0.21	U	0.2	U	0.24	U	0.21	U
Bis(2-chloroethyl)ether	~	~	0.18	U	0.18	U	0.18	U	0.19	U	0.17	U	0.22	U	0.16	U	0.21	U	0.17	U	0.17	U	0.2	U	0.17	U

TABLE 2
SUMMARY OF HISTORIC FILL ANALYTICAL DATA
57 ALEXANDER STREET
YONKERS, NEW YORK

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Sample ID																			
			B-1 (0-2) 10/9/2018		B-1 (8-10) 10/9/2018		B-2 (0-2) 10/9/2018		B-2 (8-10) 10/9/2018		B-3 (0-2) 10/9/2018		B-3 (8-10) 10/9/2018		B-7 (0-2) 10/10/2018		B-7 (8-10) 10/10/2018		B-8 (0-2) 10/10/2018		B-8 (8-10) 10/10/2018		B-9 (0-2) 10/10/2018		B-9 (8-10) 10/10/2018	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Bis(2-chloroisopropyl)ether	~	~	0.23	U	0.24	U	0.24	U	0.25	U	0.23	U	0.3	U	0.22	U	0.28	U	0.23	U	0.23	U	0.26	U	0.23	U
Bis(2-ethylhexyl)phthalate	~	~	0.19	U	0.2	U	0.12	J	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
Butyl benzyl phthalate	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
Carbazole	~	~	0.19	U	0.42		0.094	J	4.5		0.16	J	0.16	J	0.46		0.052	J	0.14	J	5.1		0.22	U	1	
Chrysene	1	3.9	0.12		**7.7**		**1.1**		**15**		**2.0**		0.73		**1.8**		0.29		**1.5**		**18**		0.13	U	**4.1**	
Dibenzo(a,h)anthracene	0.33	0.33	0.12	U	**1.2**		0.13		**1.9**		**0.35**		0.11	J	0.22		0.036	J	0.23		**1.9**		0.13	U	**0.59**	
Dibenzofuran	7	59	0.018	J	0.52		0.12	J	3.1		0.14	J	0.14	J	0.058	J	0.028	J	0.19		5.8		0.22	U	1	
Diethyl phthalate	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
Dimethyl phthalate	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
Di-n-butylphthalate	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
Di-n-octylphthalate	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
Fluoranthene	100	100	0.13		15		2.3		40		3.5		1.7		2.8		0.66		2.3		52		0.13	U	7.3	
Fluorene	30	100	0.19	U	1.3		0.28		7.0		0.16	J	0.28		0.075	J	0.044	J	0.12	J	6.6		0.22	U	1.3	
Hexachlorobenzene	0.33	1.2	0.12	U	0.12	U	0.12	U	0.13	U	0.11	U	0.15	U	0.11	U	0.14	U	0.11	U	0.11	U	0.13	U	0.11	U
Hexachlorobutadiene	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
Hexachlorocyclopentadiene	~	~	0.56	U	0.57	U	0.58	U	0.61	U	0.54	U	0.72	U	0.52	U	0.67	U	0.55	U	0.54	U	0.63	U	0.55	U
Hexachloroethane	~	~	0.16	U	0.16	U	0.16	U	0.17	U	0.15	U	0.2	U	0.15	U	0.19	U	0.15	U	0.15	U	0.18	U	0.15	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.055	J	**5.9**		**0.57**		**8.2**		**1.5**		**0.52**		**0.88**		0.16	J	**0.9**		**11**		0.18	U	**3.2**	
Isophorone	~	~	0.18	U	0.18	U	0.18	U	0.19	U	0.17	U	0.22	U	0.16	U	0.21	U	0.17	U	0.17	U	0.2	U	0.17	U
Naphthalene	12	100	0.04	J	0.38		0.092	J	2.8		0.3		0.51		0.064	J	0.078	J	0.37		**14**		0.22	U	0.81	
NDPA/DPA	~	~	0.16	U	0.16	U	0.16	U	0.17	U	0.15	U	0.2	U	0.15	U	0.19	U	0.15	U	0.15	U	0.18	U	0.15	U
Nitrobenzene	~	~	0.18	U	0.18	U	0.18	U	0.19	U	0.17	U	0.22	U	0.16	U	0.21	U	0.17	U	0.17	U	0.2	U	0.17	U
n-Nitrosodi-n-propylamine	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
p-Chloro-m-cresol	~	~	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.25	U	0.18	U	0.24	U	0.19	U	0.19	U	0.22	U	0.19	U
Pentachlorophenol	0.8	6.7	0.16	U	0.16	U	0.16	U	0.17	U	0.15	U	0.2	U	0.15	U	0.19	U	0.15	U	0.15	U	0.18	U	0.15	U
Phenanthrene	100	100	0.071	J	8.8		1.5		56		1.5		1.7		1.6		0.51		1.2		62		0.13	U	7.4	
Phenol	0.33	100	0.19	U	0.2	U	0.2	U	0.21	U	0.19	U	0.17	J	0.18	U	0.24	U	0.19	U	0.2		0.22	U	0.19	U
Pyrene	100	100	0.17		13		1.9		36		3.3		1.8		2.5		0.6		2.1		44		0.13	U	6.8	
Pesticides, TCL	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
4,4'-DDD	0.0033	13	**0.0369**	**U**	**0.00962**	**U**	**0.00934**	**U**	**0.00991**	**U**	**0.0917**	**U**	**0.023**	**U**	**0.00847**	**U**	**0.0223**	**U**	**0.00934**	**U**	**0.0256**		0.00207	U	**0.018**	**U**
4,4'-DDE	0.0033	8.9	**0.0369**	**U**	**0.0139**	**P**	**0.00934**	**U**	**0.00991**	**U**	**0.0917**	**U**	**0.023**	**U**	**0.00847**	**U**	**0.0223**	**U**	**0.00934**	**U**	**0.0176**	**U**	0.00168	J	**0.018**	**U**
4,4'-DDT	0.0033	7.9	**0.0692**	**U**	**0.0414**	**PI**	**0.0175**	**U**	**0.0358**		**0.172**	**U**	**0.0431**	**U**	**0.0166**		**0.0418**	**U**	**0.0175**	**U**	**0.0167**	**JPI**	**0.00388**	**U**	**0.0337**	**U**
Aldrin	0.005	0.097	**0.0369**	**U**	**0.00962**	**U**	**0.00934**	**U**	**0.00991**	**U**	**0.0917**	**U**	**0.023**	**U**	**0.00847**	**U**	**0.0223**	**U**	**0.00934**	**U**	**0.0176**	U	0.00207	U	**0.018**	**U**
Alpha-BHC	0.02	0.48	0.0154	U	0.00401	U	0.00389	U	0.00413	U	**0.0382**	**U**	0.00957	U	0.00353	U	**0.0248**		0.00389	U	0.00733	U	0.000863	U	0.00749	U
Beta-BHC	0.036	0.36	**0.0369**	**U**	0.00962	U	0.00934	U	0.00991	U	**0.0917**	**U**	0.023	U	0.00847	U	0.0223	U	0.00934	U	0.0176	U	0.00207	U	0.018	U
Chlordane	~	~	0.3	U	0.0781	U	0.0759	U	0.0805	U	0.745	U	0.187	U	0.0688	U	0.181	U	0.0759	U	0.143	U	0.0168	U	0.146	U
cis-Chlordane	0.094	4.2	**0.558**		0.012	U	0.035		0.0194		**0.115**	**U**	0.0287	U	0.0106	U	0.0279	U	0.0103	J	0.022	U	0.00259	U	0.0225	U
Delta-BHC	0.04	100	0.0369	U	0.00962	U	0.00934	U	0.00991	U	**0.0917**	**U**	0.023	U	0.00847	U	0.0223	U	0.00934	U	0.0176	U	0.00207	U	0.018	U
Dieldrin	0.005	0.2	**0.023**	**U**	**0.067**		**0.00584**	**U**	**0.0491**		**2.93**	**PI**	**0.0144**	**U**	**0.0155**	**P**	**0.0125**	**JPI**	0.00306	J	**0.01**	**JPI**	0.0013	U	**0.0112**	**U**
Endosulfan I	2.4	24	0.0369	U	0.00962	U	0.00934	U	0.00991	U	0.0917	U	0.023	U	0.00847	U	0.0223	U	0.00934	U	0.0176	U	0.00207	U	0.018	U
Endosulfan II	2.4	24	0.0369	U	0.00322	JPI	0.00934	U	0.00991	U	0.0917	U	0.023	U	0.00847	U	0.0223	U	0.00934	U	0.0176	U	0.00207	U	0.018	U
Endosulfan sulfate	2.4	24	0.0154	U	0.00401	U	0.00389	U	0.00413	U	0.0382	U	0.00957	U	0.00353	U	0.00929	U	0.00389	U	0.00733	U	0.000863	U	0.00749	U
Endrin	0.014	11	**0.0154**	**U**	0.00401	U	0.00389	U	0.00413	U	**0.0382**	**U**	0.00957	U	0.00353	U	0.00929	U	0.00389	U	0.00733	U	0.000863	U	0.00749	U
Endrin aldehyde	~	~	0.0461	U	0.012	U	0.0117	U	0.0124	U	0.115	U	0.0287	U	0.0106	U	0.0279	U	0.0117	U	0.022	U	0.00259	U	0.0225	U
Endrin ketone	~	~	0.0369	U	0.00962	U	0.00934	U	0.00991	U	0.0917	U	0.023	U	0.00847	U	0.0223	U	0.00934	U	0.0176	U	0.00207	U	0.018	U
Heptachlor	0.042	2.1	0.0184	U	0.00481	U	0.00467	U	0.00496	U	**0.0458**	**U**	0.0115	U	0.00424	U	0.0111	U	0.00467	U	0.00879	U	0.00104	U	0.00899	U
Heptachlor epoxide	~	~	0.0692	U	0.0184	P	0.0175	U	0.0186	U	0.172	U	0.0431	U	0.0159	U	0.0418	U	0.0175	U	0.033	U	0.00388	U	0.0337	U
Lindane	0.1	1.3	0.0154	U	0.00401	U	0.00389	U	0.00413	U	0.0382	U	0.00957	U	0.00353	U	0.00929	U	0.00389	U	0.00733	U	0.000863	U	0.00749	U
Methoxychlor	~	~	0.0692	U	0.018	U	0.0175	U	0.0186	U	0.172	U	0.0431	U	0.0159	U	0.0418	U	0.0175	U	0.033	U	0.00388	U	0.0337	U
Toxaphene	~	~	0.692	U	0.18	U	0.175	U	0.186	U	1.72	U	0.431	U	0.159	U	0.418	U	0.175	U	0.33	U	0.0388	U	0.337	U
trans-Chlordane	~	~	0.56	PI	0.012	U	0.0512	PI	0.0222	PI	0.115	U	0.0287	U	0.0106	U	0.0279	U	0.016	PI	0.022	U	0.00259	U	0.0225	U
Metals, Total Analyte List	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Aluminum, Total	~	~	10100		9140		7410		7980		5160		3080		3600		5730		13100		6810		7140		3750	
Antimony, Total	~	~	4.57	U	4.75	U	4.66	U	4.93	U	4.62	U	5.99	U	2.62	J	0.485	J	0.429	J	0.999	J	5.3	U	10.5	
Arsenic, Total	13	16	12.5		4.23		**14.2**		5.75		7.02		3.37		3.89		8.86		2.77		2.87		3.18		**17.5**	
Barium, Total	350	400	111		81.2		84.6		71.4		134		38.6		44.4		109		233		92.6		75.2		**365**	
Beryllium, Total	7.2	72	0.055	J	0.219	J	0.466	U	0.276	J	0.102	J	0.599	U	0.122	J	0.271	J	0.196	J	0.154	J	0.339	J	0.222	J
Cadmium, Total	2.5	4.3	0.557	J	0.608	J	0.522	J	0.759	J	0.758	J	0.252	J	0.2	J	1.16		0.233	J	0.627	J	0.212	J	**8.38**	

TABLE 2
SUMMARY OF HISTORIC FILL ANALYTICAL DATA
57 ALEXANDER STREET
YONKERS, NEW YORK

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Sample ID																					
			B-1 (0-2) 10/9/2018		B-1 (8-10) 10/9/2018		B-2 (0-2) 10/9/2018		B-2 (8-10) 10/9/2018		B-3 (0-2) 10/9/2018		B-3 (8-10) 10/9/2018		B-7 (0-2) 10/10/2018		B-7 (8-10) 10/10/2018		B-8 (0-2) 10/10/2018		B-8 (8-10) 10/10/2018		B-9 (0-2) 10/10/2018		B-9 (8-10) 10/10/2018	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Calcium, Total	~	~	2910		6890		5930		9840		15700		6510		51300		7100		3440		6720		7890		27600	
Chromium, Total	~	~	17.5		20.1		15.8		34.5		12.6		9.13		11.5		34.4		14.6		41.9		22.3		61.1	
Cobalt, Total	~	~	11.3		8.54		8.49		6.14		6		3.7		3.75		5.26		11.3		8.09		5.57		7.3	
Copper, Total	50	270	41.3		40.9		**60.3**		**59.8**		**69**		42		**53**		**158**		27		**123**		23.4		**226**	
Iron, Total	~	~	23200		16800		19200		15800		15800		11400		9430		14800		21500		13400		10600		35400	
Lead, Total	63	400	**900**		**187**		**112**		**130**		**214**		**227**		**96.1**		**146**		50.1		53		44.9		**2100**	
Magnesium, Total	~	~	4760		5650		5170		6940		7960		2840		25400		6720		8880		6360		5520		2340	
Manganese, Total	1600	2000	540		266		219		281		171		124		141		215		349		284		366		224	
Nickel, Total	30	310	12.6		15.6		11.9		19		10.4		7.58		8.98		29.4		10.7		21.1		10.5		20.5	
Potassium, Total	~	~	2200		1170		2320		1040		1270		391		698		843		5090		2200		615		742	
Selenium, Total	3.9	180	0.32	J	0.504	J	0.653	J	1.97	U	0.776	J	2.4	U	0.574	J	0.496	J	0.243	J	0.318	J	0.297	J	1.04	J
Silver, Total	2	180	0.913	U	0.951	U	0.932	U	0.986	U	0.896	J	1.2	U	0.869	U	1.49		0.934	U	0.908	U	1.06	U	0.755	J
Sodium, Total	~	~	89.7	J	175	J	130	J	495		133	J	234	J	172	J	291		144	J	836		161	J	662	
Thallium, Total	~	~	1.83	U	1.9	U	1.86	U	1.97	U	1.85	U	2.4	U	1.74	U	2.26	U	1.87	U	1.82	U	2.12	U	1.78	U
Vanadium, Total	~	~	39.3		30.9		34.6		26.1		25.1		14.7		36.2		184		50		29.9		20.4		35.3	
Zinc, Total	109	10000	89		**122**		95.6		**151**		**161**		64.4		80.7		**264**		80		**119**		53.9		**4420**	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Mercury	0.18	0.81	**0.421**		**0.75**		**1.26**		**0.448**		**1.57**		**0.409**		**0.357**		**0.352**		**0.303**		0.086		**1.52**		**4.11**	
Chromium, Hexavalent	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chromium, Hexavalent	1	110	0.939	U	0.98	U	0.982	U	**1.02**	**U**	0.924	U	**1.21**	**U**	0.884	U	0.286	J	0.946	U	0.914	U	0.412	J	0.924	U
Chromium, Trivalent	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chromium, Trivalent	30	180	18		20		16		**34**		13		9.1		12		**34**	**J**	15		**42**		22	J	**61**	
Cyanide, Total	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Cyanide, total	27	27	1.1	U	1.1	U	1.1	U	1.2	U	1.4	U	1.4	U	1.1	U	1.3	U	1.2	U	1.1	U	1.2	U	1.4	
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Aroclor 1016	~	~	0.0378	U	0.0404	U	0.0405	U	0.0421	U	**7.36**	**U**	0.0484	U	**0.179**	**U**	0.0462	U	0.0377	U	0.037	U	0.0434	U	0.0383	U
Aroclor 1221	~	~	0.0378	U	0.0404	U	0.0405	U	0.0421	U	**7.36**	**U**	0.0484	U	**0.179**	**U**	0.0462	U	0.0377	U	0.037	U	0.0434	U	0.0383	U
Aroclor 1232	~	~	0.0378	U	0.0404	U	0.0405	U	0.0421	U	**7.36**	**U**	0.0484	U	**0.179**	**U**	0.0462	U	0.0377	U	0.037	U	0.0434	U	0.0383	U
Aroclor 1242	~	~	0.0378	U	0.0404	U	0.0405	U	0.0421	U	**7.36**	**U**	0.0484	U	**0.179**	**U**	0.0462	U	0.0377	U	**0.188**		0.0434	U	0.0383	U
Aroclor 1248	~	~	0.0378	U	0.0404	U	0.0405	U	0.0421	U	**7.36**	**U**	0.0484	U	**0.179**	**U**	0.0462	U	0.0377	U	0.037	U	0.0434	U	0.0383	U
Aroclor 1254	~	~	0.0378	U	**0.188**		0.0405	U	**0.156**		**7.36**	**U**	0.0484	U	**0.179**	**U**	0.0462	U	0.0377	U	**0.144**		0.0434	U	0.0383	U
Aroclor 1260	~	~	0.0378	U	**0.508**		0.0311	J	**0.264**		**51.8**		0.0484	U	**1.36**		0.0994		0.0948		**0.132**		0.0434	U	0.0097	J
Aroclor 1262	~	~	0.0378	U	0.0404	U	0.0405	U	0.0421	U	**7.36**	**U**	0.0484	U	**0.179**	**U**	0.0462	U	0.0377	U	0.037	U	0.0434	U	0.0383	U
Aroclor 1268	~	~	0.0378	U	0.0404	U	0.0405	U	0.0421	U	**7.36**	**U**	0.0484	U	**0.179**	**U**	0.0462	U	0.0377	U	0.037	U	0.0434	U	0.0383	U
Total PCBs	0.1	1	0.0378	U	**0.696**		0.0311	J	**0.42**		**51.8**		0.0484	U	**1.36**		0.0994		0.0948		**0.464**		0.0434	U	0.0097	J

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
Analyte was detected above NYSDEC Part 375 Unrestricted Soil Cleanup Objective
Analyte was detected above NYSDEC Part 375 Restricted Soil Cleanup Objective (Residential)

TABLE 3
SUMMARY OF SEDIMENT ANALYTICAL DATA
57 ALEXANDER STREET
YONKERS, NEW YORK

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Sample ID			
			SD-1 10/11/2018		SD-2 10/11/2018	
			Result	Q	Result	Q
Volatile Organics, TCL	mg/kg	mg/kg	mg/kg		mg/kg	
1,1,1,2-Tetrachloroethane	~	~	0.00078	U	6.2	U
1,1,1-Trichloroethane	0.68	100	0.00082		**300**	
1,1,2,2-Tetrachloroethane	~	~	0.00078	U	6.2	U
1,1,2-Trichloroethane	~	~	0.0016	U	12	U
1,1-Dichloroethane	0.27	26.0	0.00022	J	**10**	J
1,1-Dichloroethene	0.33	100	0.0016	U	**12**	**U**
1,1-Dichloropropene	~	~	0.00078	U	6.2	U
1,2,3-Trichlorobenzene	~	~	0.0031	U	25	U
1,2,3-Trichloropropane	~	~	0.0031	U	25	U
1,2,4,5-Tetramethylbenzene	~	~	0.0031	U	25	U
1,2,4-Trichlorobenzene	~	~	0.0031	U	25	U
1,2,4-Trimethylbenzene	3.6	52	0.0031	U	**25**	**U**
1,2-Dibromo-3-chloropropane	~	~	0.0047	U	37	U
1,2-Dibromoethane	~	~	0.0016	U	12	U
1,2-Dichlorobenzene	1.1	100	0.0031	U	**25**	**U**
1,2-Dichloroethane	0.02	3.1	0.0016	U	**12**	**U**
1,2-Dichloroethene, Total	~	~	0.0091		490	
1,2-Dichloropropane	~	~	0.0016	U	12	U
1,3,5-Trimethylbenzene	8.4	52	0.0031	U	**25**	**U**
1,3-Dichlorobenzene	2.4	49	0.0031	U	**25**	**U**
1,3-Dichloropropane	~	~	0.0031	U	25	U
1,3-Dichloropropene, Total	~	~	0.00078	U	6.2	U
1,4-Dichlorobenzene	1.8	13	0.0031	U	**25**	**U**
1,4-Dioxane	0.1	13	**0.16**	**U**	**1200**	**U**
2,2-Dichloropropane	~	~	0.0031	U	25	U
2-Butanone	0.12	100	0.016	U	**120**	**U**
2-Hexanone	~	~	0.016	U	120	U
4-Methyl-2-pentanone	~	~	0.016	U	120	U
Acetone	0.05	100	**0.068**		**120**	U
Acrylonitrile	~	~	0.0062	U	49	U
Benzene	0.06	4.8	0.00078	U	**6.2**	**U**
Bromobenzene	~	~	0.0031	U	25	U
Bromochloromethane	~	~	0.0031	U	25	U
Bromodichloromethane	~	~	0.00078	U	6.2	U
Bromoform	~	~	0.0062	U	49	U
Bromomethane	~	~	0.0031	U	25	U
Carbon disulfide	~	~	0.016	U	120	U
Carbon tetrachloride	0.76	2.4	0.0016	U	**12**	**U**
Chlorobenzene	1.1	100	0.00078	U	**6.2**	**U**
Chloroethane	~	~	0.0031	U	25	U
Chloroform	0.37	49	0.00026	J	**18**	**U**
Chloromethane	~	~	0.0062	U	49	U
cis-1,2-Dichloroethene	0.25	100	0.0091		**490**	
cis-1,3-Dichloropropene	~	~	0.00078	U	6.2	U
Dibromochloromethane	~	~	0.0016	U	12	U
Dibromomethane	~	~	0.0031	U	25	U
Dichlorodifluoromethane	~	~	0.016	U	120	U
Ethyl ether	~	~	0.0031	U	25	U
Ethylbenzene	1	41	0.0016	U	**12**	**U**
Hexachlorobutadiene	~	~	0.0062	U	49	U
Isopropylbenzene	~	~	0.0016	U	12	U
Methyl tert butyl ether	0.93	100	0.0031	U	**25**	**U**
Methylene chloride	0.05	100	0.0078	U	**62**	**U**
Naphthalene	12	100	0.0062	U	**49**	**U**
n-Butylbenzene	12	100	0.0016	U	**12**	**U**
n-Propylbenzene	3.9	100	0.0016	U	**12**	**U**
o-Chlorotoluene	~	~	0.0031	U	25	U
o-Xylene	~	~	0.0016	U	12	U
p/m-Xylene	~	~	0.0031	U	25	U
p-Chlorotoluene	~	~	0.0031	U	25	U
p-Diethylbenzene	~	~	0.0031	U	25	U
p-Ethyltoluene	~	~	0.0031	U	25	U
p-Isopropyltoluene	~	~	0.0016	U	12	U
sec-Butylbenzene	11	100	0.0016	U	**12**	**U**
Styrene	~	~	0.0016	U	12	U
tert-Butylbenzene	5.9	100	0.0031	U	**25**	**U**
Tetrachloroethene	1.3	19	0.00078	U	**14**	
Toluene	0.7	100	0.0016	U	**12**	**U**
trans-1,2-Dichloroethene	0.19	100	0.0023	U	**18**	**U**
trans-1,3-Dichloropropene	~	~	0.0016	U	12	U
trans-1,4-Dichloro-2-butene	~	~	0.0078	U	62	U
Trichloroethene	0.47	21	0.0026		**2400**	
Trichlorofluoromethane	~	~	0.45		49	U

TABLE 3
SUMMARY OF SEDIMENT ANALYTICAL DATA
57 ALEXANDER STREET
YONKERS, NEW YORK

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Sample ID			
			SD-1 10/11/2018		SD-2 10/11/2018	
			Result	Q	Result	Q
Vinyl acetate	~	~	0.016	U	120	U
Vinyl chloride	0.02	0.9	0.00087	J	**12**	
Xylenes, Total	0.26	100	0.0016	U	**12**	**U**
Semi-Volatiles, TCL	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
1,2,4,5-Tetrachlorobenzene	~	~	0.4	U	0.38	U
1,2,4-Trichlorobenzene	~	~	0.4	U	0.38	U
1,2-Dichlorobenzene	1.1	100	0.4	U	0.38	U
1,3-Dichlorobenzene	2.4	49	0.4	U	0.38	U
1,4-Dichlorobenzene	1.8	13	0.4	U	0.38	U
2,4,5-Trichlorophenol	~	~	0.4	U	0.38	U
2,4,6-Trichlorophenol	~	~	0.24	U	0.23	U
2,4-Dichlorophenol	~	~	0.36	U	0.34	U
2,4-Dimethylphenol	~	~	0.4	U	0.38	U
2,4-Dinitrophenol	~	~	1.9	U	1.8	U
2,4-Dinitrotoluene	~	~	0.4	U	0.38	U
2,6-Dinitrotoluene	~	~	0.4	U	0.38	U
2-Chloronaphthalene	~	~	0.4	U	0.38	U
2-Chlorophenol	~	~	0.4	U	0.38	U
2-Methylnaphthalene	~	~	0.48	U	0.29	J
2-Methylphenol	0.33	100	**0.4**	**U**	**0.38**	**U**
2-Nitroaniline	~	~	0.4	U	0.38	U
2-Nitrophenol	~	~	0.86	U	0.82	U
3,3'-Dichlorobenzidine	~	~	0.4	U	0.38	U
3-Methylphenol/4-Methylphenol	0.33	100	**0.58**	**U**	0.21	J
3-Nitroaniline	~	~	0.4	U	0.38	U
4,6-Dinitro-o-cresol	~	~	1	U	0.99	U
4-Bromophenyl phenyl ether	~	~	0.4	U	0.38	U
4-Chloroaniline	~	~	0.4	U	0.38	U
4-Chlorophenyl phenyl ether	~	~	0.4	U	0.38	U
4-Nitroaniline	~	~	0.4	U	0.38	U
4-Nitrophenol	~	~	0.56	U	0.53	U
Acenaphthene	20	100	0.043	J	0.045	J
Acenaphthylene	100	100	0.32	U	0.3	U
Acetophenone	~	~	0.4	U	0.38	U
Anthracene	100	100	0.42		0.078	J
Benzo(a)anthracene	1	1	**2.6**		0.46	
Benzo(a)pyrene	1	1	**2.9**		0.45	
Benzo(b)fluoranthene	1	1	**4.5**		0.99	
Benzo(ghi)perylene	100	100	2.1		0.64	
Benzo(k)fluoranthene	0.8	3.9	**1.6**		0.26	
Benzoic Acid	~	~	1.3	U	1.2	U
Benzyl Alcohol	~	~	0.4	U	0.38	U
Biphenyl	~	~	0.91	U	0.86	U
Bis(2-chloroethoxy)methane	~	~	0.43	U	0.41	U
Bis(2-chloroethyl)ether	~	~	0.36	U	0.34	U
Bis(2-chloroisopropyl)ether	~	~	0.48	U	0.46	U
Bis(2-ethylhexyl)phthalate	~	~	0.51		1.1	
Butyl benzyl phthalate	~	~	0.4	U	0.38	U
Carbazole	~	~	0.4		0.11	J
Chrysene	1	3.9	**3.2**		0.83	
Dibenzo(a,h)anthracene	0.33	0.33	**0.52**		0.12	J
Dibenzofuran	7	59	0.04	J	0.046	J
Diethyl phthalate	~	~	0.4	U	0.38	U
Dimethyl phthalate	~	~	0.4	U	0.38	U
Di-n-butylphthalate	~	~	0.4	U	0.38	U
Di-n-octylphthalate	~	~	0.4	U	0.38	U
Fluoranthene	100	100	4.6		1.2	
Fluorene	30	100	0.076	J	0.099	J
Hexachlorobenzene	0.33	1.2	0.24	U	0.23	U
Hexachlorobutadiene	~	~	0.4	U	0.38	U
Hexachlorocyclopentadiene	~	~	1.1	U	1.1	U
Hexachloroethane	~	~	0.32	U	0.3	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	**2.4**		**0.58**	
Isophorone	~	~	0.36	U	0.34	U
Naphthalene	12	100	0.4	U	0.092	J
NDPA/DPA	~	~	0.32	U	0.3	U
Nitrobenzene	~	~	0.36	U	0.34	U
n-Nitrosodi-n-propylamine	~	~	0.4	U	0.38	U
p-Chloro-m-cresol	~	~	0.4	U	0.38	U
Pentachlorophenol	0.8	6.7	0.32	U	0.3	U
Phenanthrene	100	100	1.9		0.69	
Phenol	0.33	100	**0.4**	**U**	**0.38**	**U**
Pyrene	100	100	3.9		1	

TABLE 3
SUMMARY OF SEDIMENT ANALYTICAL DATA
57 ALEXANDER STREET
YONKERS, NEW YORK

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Sample ID			
			SD-1 10/11/2018		SD-2 10/11/2018	
			Result	Q	Result	Q
Metals, RCRA	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Arsenic, Total	13	16	3.59		1.94	
Barium, Total	350	400	33.7		17.9	
Cadmium, Total	2.5	4.3	1.26		0.354	J
Chromium, Total	~	~	10.2		4.85	
Lead, Total	63	400	35.6		13.8	
Selenium, Total	3.9	180	0.941	U	13.8	U
Silver, Total	2	180	0.391	J	0.442	U
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Mercury	0.18	0.81	0.019	J	0.043	J

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference
for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
Analyte was detected above NYSDEC Part 375 Unrestricted Soil Cleanup Objective
Analyte was detected above NYSDEC Part 375 Restricted Soil Cleanup Objective (Residential)

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL DATA
57 ALEXANDER STREET
YONKERS, NEW YORK

Compound	NYSDEC TOGS Standards and Guidance Values - GA	Sample ID																					
		GW-1 10/9/2018		GW-2 10/9/2018		GW-3 10/10/2018		GW-4 10/10/2018		GW-5 10/10/2018		GW-6 10/11/2018		GW-7 10/11/2018		GW-8 10/11/2018		GW-9 10/11/2018		GW-10 10/11/2018	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
1,1,1,2-Tetrachloroethane	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,1-Trichloroethane	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	1	**1.5**	U	**1.5**	U	**7.5**	U	**1.5**	U	**1.5**	U	**1.5**	U	**1.5**	U	**1.5**	U	**1.5**	U	**1.5**	U
1,1-Dichloroethane	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	5	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	0.04	**2.5**	U	**2.5**	U	**12**	U	**2.5**	U	**2.5**	U	**2.5**	U	**2.5**	U	**2.5**	U	**2.5**	U	**2.5**	U
1,2,4,5-Tetramethylbenzene	5	2	U	2	U	**35**		0.85	J	0.66	J	2	U	4.1		2	U	4.4		2	U
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	**2.5**	U	**2.5**	U	**12**	U	**2.5**	U	**2.5**	U	**2.5**	U	**2.5**	U	**2.5**	U	**2.5**	U	**2.5**	U
1,2-Dibromoethane	0.0006	**2**	U	**2**	U	**10**	U	**2**	U	**2**	U	**2**	U	**2**	U	**2**	U	**2**	U	**2**	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	1	0.5	U	0.5	U	**2.5**	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethene, Total	~	2.5	U	2.5	U	12	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloropropane	1	**1**	U	**1**	U	**5**	U	**1**	U	**1**	U	**1**	U	**1**	U	**1**	U	**1**	U	**1**	U
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropene, Total	~	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	~	250	U	250	U	1200	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U
2,2-Dichloropropane	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Butanone	50	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Hexanone	50	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	~	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Acetone	50	5		4.1	J	25	U	3.1	J	4.2	J	4	J	3.4	J	2.2	J	5	U	2	J
Acrylonitrile	5	**5**	U	**5**	U	**25**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
Benzene	1	0.5	U	0.5	U	**2.5**	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**1.3**		0.54	
Bromobenzene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromochloromethane	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	50	2	U	2	U	10	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromomethane	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	60	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbon tetrachloride	5	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	~	2.5	U	2.5	U	12	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	0.4	**0.5**	U	**0.5**	U	**2.5**	U	**0.5**	U	**0.5**	U	**0.5**	U	**0.5**	U	**0.5**	U	**0.5**	U	**0.5**	U
Dibromochloromethane	50	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromomethane	5	**5**	U	**5**	U	**25**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
Dichlorodifluoromethane	5	**5**	U	**5**	U	**25**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
Ethyl ether	~	2.5	U	2.5	U	12	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Ethylbenzene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	1	**2.5**	U	**2.5**	U	**12**	U	**2.5**	U	**2.5**	U	**2.5**	U	**2.5**	U	**2.5**	U	**2.5**	U	**2.5**	U
Isopropylbenzene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	1.1	J	2.5	U	0.94	J	2.5	U
Methyl tert butyl ether	10	2.5	U	1.6	J	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methylene chloride	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	10	2.5	U	0.72	J	6.4	J	2.5	U	0.86	J	2.5	U	3.8		2.5	U	1.2	J	3.8	
n-Butylbenzene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Propylbenzene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	0.7	J	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Chlorotoluene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Diethylbenzene	~	2	U	2	U	10	U	2	U	2	U	2	U	1.2	J	2	U	2	U	2	U
p-Ethyltoluene	~	2	U	2	U	10	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
p-Isopropyltoluene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	5	2.5	U	2.5	U	**5.6**	J	2.5	U	2.5	U	2.5	U	1.5	J	2.5	U	0.87	J	2.5	U
Styrene	930	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Tetrachloroethene	5	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL DATA
57 ALEXANDER STREET
YONKERS, NEW YORK

Compound	NYSDEC TOGS Standards and Guidance Values - GA	Sample ID																			
		GW-1 10/9/2018		GW-2 10/9/2018		GW-3 10/10/2018		GW-4 10/10/2018		GW-5 10/10/2018		GW-6 10/11/2018		GW-7 10/11/2018		GW-8 10/11/2018		GW-9 10/11/2018		GW-10 10/11/2018	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,3-Dichloropropene	0.4	**0.5**	U	**0.5**	U	**2.5**	U	**0.5**	U	**0.5**	U	**0.5**	U	**0.5**	U	**0.5**	U	**0.5**	U	**0.5**	U
trans-1,4-Dichloro-2-butene	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	5	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	5	2.5	U	2.5	U	**12**	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl acetate	~	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl chloride	2	1	U	1	U	**5**	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Xylenes, Total	~	2.5	U	2.5	U	12	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Semi-Volatiles, 8270 - Comprehensive	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
1,2,4-Trichlorobenzene	5	**5**	U	**5**	U	**5**	U	**14**	U	**9.2**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
1,2,4,5-Tetrachlorobenzene	5	**10**	U	**10**	U	**10**	U	**28**	U	**18**	U	**10**	U	**10**	U	**10**	U	**10**	U	**10**	U
1,2-Dichlorobenzene	3	2	U	2	U	2	U	**5.5**	U	**3.7**	U	2	U	2	U	2	U	2	U	2	U
1,3-Dichlorobenzene	3	2	U	2	U	2	U	**5.5**	U	**3.7**	U	2	U	2	U	2	U	2	U	2	U
1,4-Dichlorobenzene	3	2	U	2	U	2	U	**5.5**	U	**3.7**	U	2	U	2	U	2	U	2	U	2	U
2,4,5-Trichlorophenol	~	5	U	5	U	5	U	14	U	9.2	U	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	~	5	U	5	U	5	U	14	U	9.2	U	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	2	**5**	U	**5**	U	**5**	U	**14**	U	**9.2**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
2,4-Dimethylphenol	2	**5**	U	**5**	U	**5**	U	**14**	U	**9.2**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
2,4-Dinitrophenol	2	**20**	U	**20**	U	**20**	U	**55**	U	**37**	U	**20**	U	**20**	U	**20**	U	**20**	U	**20**	U
2,4-Dinitrotoluene	5	**5**	U	**5**	U	**5**	U	**14**	U	**9.2**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
2,6-Dinitrotoluene	5	**5**	U	**5**	U	**5**	U	**14**	U	**9.2**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
2-Chloronaphthalene	10	0.2	U	0.2	U	2	U	0.06	J	0.37	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
2-Chlorophenol	~	2	U	2	U	2	U	5.5	U	3.7	U	2	U	2	U	2	U	2	U	2	U
2-Methylnaphthalene	~	0.07	J	0.2		1		0.22	J	0.47		0.3		0.49		0.25		0.14		0.48	
2-Methylphenol	~	5	U	5	U	5	U	14	U	9.2	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	5	**5**	U	**5**	U	**5**	U	**14**	U	**9.2**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
2-Nitrophenol	~	10	U	10	U	10	U	28	U	18	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	5	**5**	U	**5**	U	**5**	U	**14**	U	**9.2**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
3-Methylphenol/4-Methylphenol	~	5	U	5	U	5	U	14	U	9.2	U	5	U	5	U	5	U	5	U	5	U
3-Nitroaniline	5	**5**	U	**5**	U	**5**	U	**14**	U	**9.2**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
4,6-Dinitro-o-cresol	~	10	U	10	U	10	U	28	U	18	U	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl phenyl ether	~	2	U	2	U	2	U	5.5	U	3.7	U	2	U	2	U	2	U	2	U	2	U
4-Chloroaniline	5	**5**	U	**5**	U	**5**	U	**14**	U	**9.2**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
4-Chlorophenyl phenyl ether	~	2	U	2	U	2	U	5.5	U	3.7	U	2	U	2	U	2	U	2	U	2	U
4-Nitroaniline	5	**5**	U	**5**	U	**5**	U	**14**	U	**9.2**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
4-Nitrophenol	~	10	U	10	U	10	U	28	U	18	U	10	U	10	U	10	U	10	U	10	U
Acenaphthene	20	0.75		1		19		0.85		9.8		0.36		5.1		4.6		**39**		0.78	
Acenaphthylene	~	0.06	J	0.14		7.8		0.2	J	0.27		0.19		0.35		0.05	J	0.47		0.05	J
Acetophenone	~	5	U	5	U	5	U	14	U	9.2	U	5	U	5	U	5	U	5	U	5	U
Anthracene	50	0.2		0.17		4.3		1.6		3.4		0.26		1.2		0.18		1.2		0.18	
Benzo(a)anthracene	0.002	**0.64**		**0.28**		**1.2**		**5.1**		**3.2**		**0.33**		**0.4**		**0.03**	**J**	**0.6**		**0.06**	**J**
Benzo(a)pyrene	0.002	**0.6**		**0.25**		**0.66**	**J**	**4.6**		**2.7**		**0.3**		**0.27**		**0.03**	**J**	**0.56**		**0.05**	**J**
Benzo(b)fluoranthene	0.002	**1.2**		**0.46**		**0.95**	**J**	**6.7**		**3.8**		**0.62**		**0.43**		**0.04**	**J**	**0.68**		**0.07**	**J**
Benzo(ghi)perylene	~	0.52		0.18		0.46	J	2.2		1.7		0.2		0.1	J	0.03	J	0.26		0.03	J
Benzo(k)fluoranthene	0.002	**0.42**		**0.17**		**0.34**	**J**	**6.8**		**1.3**		**0.26**		**0.17**		**0.02**	**J**	**0.22**		**0.03**	**J**
Benzoic Acid	~	9.1	J	50	U	50	U	140	U	92	U	50	U	50	U	50	U	50	U	50	U
Benzyl Alcohol	~	2	U	2	U	2	U	5.5	U	3.7	U	2	U	2	U	2	U	2	U	2	U
Biphenyl	~	2	U	2	U	2	U	5.5	U	3.7	U	2	U	2	U	2	U	2	U	2	U
Bis(2-chloroethoxy)methane	5	**5**	U	**5**	U	**5**	U	**14**	U	**9.2**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
Bis(2-chloroethyl)ether	1	**2**	U	**2**	U	**2**	U	**5.5**	U	**3.7**	U	**2**	U	**2**	U	**2**	U	**2**	U	**2**	U
Bis(2-chloroisopropyl)ether	5	2	U	2	U	2	U	**5.5**	U	3.7	U	2	U	2	U	2	U	2	U	2	U
Bis(2-ethylhexyl)phthalate	5	3	U	3	U	**7.4**		**8.2**	U	**5.5**	U	3	U	3	U	3	U	3	U	3	U
Butyl benzyl phthalate	50	5	U	5	U	5	U	14	U	9.2	U	5	U	5	U	5	U	5	U	5	U
Carbazole	~	2	U	2	U	2	U	5.5	U	2.7	J	2	U	0.52	J	2	U	2	U	1	J
Chrysene	0.002	**0.58**		**0.25**		**1.5**		**4.5**		**2.8**		**0.36**		**0.35**		**0.03**	**J**	**0.55**		**0.06**	**J**
Dibenzo(a,h)anthracene	~	0.11		0.04	J	0.15	J	0.43		0.41		0.06	J	0.03	J	0.1	U	0.07	J	0.1	U
Dibenzofuran	~	2	U	2	U	7.9		5.5	U	2.1	J	2	U	2.1		2	U	2	U	2	U
Diethyl phthalate	50	5	U	5	U	5	U	14	U	9.2	U	5	U	5	U	5	U	5	U	5	U
Dimethyl phthalate	50	5	U	5	U	5	U	14	U	9.2	U	5	U	5	U	5	U	5	U	5	U
Di-n-butylphthalate	50	5	U	5	U	5	U	14	U	9.2	U	5	U	5	U	5	U	5	U	5	U
Di-n-octylphthalate	50	5	U	5	U	5	U	14	U	9.2	U	5	U	5	U	5	U	5	U	5	U
Fluoranthene	50	1.4		0.72		4.4		12		9.1		0.8		2.1		0.3		1.7		0.28	
Fluorene	50	0.3		0.69		32		0.71		6.2		0.58		4.7		0.67		11		0.58	
Hexachlorobenzene	0.04	**0.8**	U	**0.8**	U	**8**	U	**2.2**	U	**1.5**	U	**0.8**	**U**	**0.8**	**U**	**0.8**	**U**	**0.8**	**U**	**0.8**	**U**
Hexachlorobutadiene	0.5	**0.5**	U	**0.5**	U	**5**	U	**1.4**	U	**0.92**	U	**0.5**	**U**	**0.5**	**U**	**0.5**	**U**	**0.5**	**U**	**0.5**	**U**
Hexachlorocyclopentadiene	5	**20**	U	**20**	U	**20**	U	**55**	U	**37**	U	**20**	U	**20**	U	**20**	U	**20**	U	**20**	U
Hexachloroethane	5	0.8	U	0.8	U	**8**	U	0.83	J	1.5	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Indeno(1,2,3-cd)pyrene	0.002	**0.58**		**0.22**		**0.43**	**J**	**2.7**		**1.8**		**0.23**		**0.12**		**0.03**	**J**	**0.27**		**0.03**	**J**

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL DATA
57 ALEXANDER STREET
YONKERS, NEW YORK

Compound	NYSDEC TOGS Standards and Guidance Values - GA	Sample ID																			
		GW-1 10/9/2018		GW-2 10/9/2018		GW-3 10/10/2018		GW-4 10/10/2018		GW-5 10/10/2018		GW-6 10/11/2018		GW-7 10/11/2018		GW-8 10/11/2018		GW-9 10/11/2018		GW-10 10/11/2018	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Isophorone	50	5	U	5	U	5	U	14	U	9.2	U	5	U	5	U	5	U	5	U	5	U
Naphthalene	10	0.14		0.43		2.5		2.1		0.63		0.24		1.7		0.12		0.86		2.9	
NDPA/DPA	50	2	U	2	U	2	U	5.5	U	3.7	U	2	U	2	U	2	U	2	U	2	U
Nitrobenzene	0.4	**2**	U	**2**	U	**2**	U	**5.5**	U	**3.7**	U	**2**	U	**2**	U	**2**	U	**2**	U	**2**	U
n-Nitrosodi-n-propylamine	~	5	U	5	U	5	U	14	U	9.2	U	5	U	5	U	5	U	5	U	5	U
p-Chloro-m-cresol	~	2	U	2	U	2	U	5.5	U	3.7	U	2	U	2	U	2	U	2	U	2	U
Pentachlorophenol	2	0.8	U	0.8	U	**8**	U	**4.8**		**1.5**	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Phenanthrene	50	0.88		1.1		38		7.5		13		1.3		4.5		1		9.2		1	
Phenol	2	**5**	U	**5**	U	**5**	U	**14**	U	**9.2**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
Pyrene	50	1.2		0.58		7.9		12		8.8		0.74		1.8		0.34		2.5		0.23	
Pesticides, 8081 target list	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
4,4'-DDD	0.3	0.029	U	0.143	U	0.286	U	0.014	JPI	0.286	U	0.012	J	0.015	J	0.029	U	0.029	U	0.029	U
4,4'-DDE	0.2	0.029	U	0.143	U	**0.286**	U	0.029	U	**0.286**	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDT	0.2	0.014	JPI	0.143	U	**0.286**	U	0.029	U	**0.286**	U	0.029	U	0.006	JPI	0.029	U	0.029	U	0.029	U
Aldrin	0	**0.014**	U	**0.071**	U	**0.143**	U	**0.014**	U	**0.143**	U	**0.014**	U	**0.014**	U	**0.014**	U	**0.014**	U	**0.014**	U
Alpha-BHC	0.01	**0.014**	U	**0.071**	U	**0.143**	U	**0.014**	U	**0.143**	U	**0.014**	U	**0.014**	U	**0.014**	U	**0.014**	U	**0.014**	U
Beta-BHC	0.04	0.014	U	**0.071**	U	**0.143**	U	0.014	U	**0.143**	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Chlordane	0.05	**0.19**	PI	**2.01**		**1.43**	U	**0.143**	U	**1.43**	U	**0.143**	U	**0.143**	U	**0.143**	U	**0.143**	U	**0.143**	U
cis-Chlordane	~	0.036	P	0.052	JPI	0.143	U	0.014	U	0.143	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Delta-BHC	0.04	0.014	U	**0.071**	U	**0.143**	U	0.014	U	**0.143**	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Dieldrin	0.004	**0.022**	J	**0.143**	U	**0.286**	U	**0.029**	U	**0.286**	U	**0.029**	U	**0.029**	U	**0.005**	J	**0.029**	U	**0.029**	U
Endosulfan I	~	0.014	U	0.071	U	0.143	U	0.014	U	0.143	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Endosulfan II	~	0.029	U	0.143	U	0.286	U	0.029	U	0.286	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan sulfate	~	0.029	U	0.143	U	0.286	U	0.029	U	0.121	J	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endrin	0	**0.029**	U	**0.143**	U	**0.286**	U	**0.029**	U	**0.286**	U	**0.029**	U	**0.029**	U	**0.029**	U	**0.029**	U	**0.029**	U
Endrin aldehyde	5	0.029	U	0.143	U	0.286	U	0.029	U	0.286	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endrin ketone	5	0.029	U	0.143	U	0.286	U	0.029	U	0.286	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Heptachlor	0.04	0.014	U	**0.071**	U	**0.143**	U	0.014	U	**0.143**	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Heptachlor epoxide	0.03	0.014	U	**0.071**	U	**0.143**	U	0.014	U	**0.143**	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Lindane	0.05	0.014	U	**0.071**	U	**0.143**	U	0.014	U	**0.143**	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Methoxychlor	35	0.143	U	0.714	U	1.43	U	0.143	U	1.43	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U
Toxaphene	0.06	**0.143**	U	**0.714**	U	**1.43**	U	**0.143**	U	**1.43**	U	**0.143**	U	**0.143**	U	**0.143**	U	**0.143**	U	**0.143**	U
trans-Chlordane	~	0.014	JPI	0.212	PI	0.143	U	0.014	U	0.143	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Metals, Dissolved - Target Analyte (TAL)	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Aluminum, Dissolved	~	159		26.6		12		5.58	J	8.01	J	32.1	J	8.87	J	16.1	J	22.7	J	7.98	J
Antimony, Dissolved	3	**6.49**	J	2.32	J	1.95	J	1.94	J	2.1	J	1.94	J	0.64	J	1.6	J	0.81	J	0.99	J
Arsenic, Dissolved	25	7.65		5.05		6.18		6.25		5.89		0.54		1.8		2.27		1		2.42	
Barium, Dissolved	1000	151.1		233		199.7		226.3		195.4		508.5		63.47		153.9		165.4		197.2	
Beryllium, Dissolved	3	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cadmium, Dissolved	5	1	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Calcium, Dissolved	~	85200		106000		173000		121000		83700		168000		63000		71900		62300		91000	
Chromium, Dissolved	50	1.54	J	0.34	J	0.46	J	0.26	J	0.21	J	1	U	0.26	J	1	U	1	U	0.22	J
Cobalt, Dissolved	~	2.5	U	1.76		2.69		1.81		1.9		1.28		0.36	J	0.51		0.83		1.43	
Copper, Dissolved	200	2.73	J	1.12		0.39	J	1	U	0.39	J	1	U	1	U	1	U	1	U	1	U
Iron, Dissolved	300	**444**		185		110		**343**		93.8		**1950**		**889**		**593**		**1230**		**2820**	
Lead, Dissolved	25	6.96		1.26		2.67		0.64	J	0.56	J	0.48	J	1	U	0.47	J	0.84	J	1	U
Magnesium, Dissolved	35000	19500		25000		**71,100**		21300		12100		**51,500**		13100		10300		8730		27300	
Manganese, Dissolved	300	**571.1**		**1183**		**857**		**450.9**		**440.8**		**1,122**		**383.5**		**341.3**		**471.3**		**487.2**	
Nickel, Dissolved	100	10	U	5.77		3.78		3.94		4.15		0.64	J	2.25		4.75		3.02		3.63	
Potassium, Dissolved	~	10200		13000		16400		15400		7890		23900		19400		10700		6590		15200	
Selenium, Dissolved	10	**25**	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Silver, Dissolved	50	2	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Sodium, Dissolved	20000	**52,800**		**81,900**		**142,000**		**111,000**		**161,000**		**577,000**		**69,500**		**75,600**		**127,000**		**176,000**	
Thallium, Dissolved	0.5	**2.5**	U	**0.5**	U	**0.5**	U	**0.5**	U	**0.5**	U	0.15	J	**0.5**	U	0.15	J	**0.5**	U	**0.5**	U
Vanadium, Dissolved	~	25	U	2.27	J	5	U	1.6	J	5	U	5	U	5	U	5	U	5	U	5	U
Zinc, Dissolved	2000	50	U	8.24	J	19.46		10	U	16.86		12.52		10	U	10	U	10	U	10	U
Metals, Target Analyte	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Aluminum	~	57600		52100		10700		46600		17800		1150		264		4530		1720		16600	
Antimony	3	1.89	J	0.79	J	1.15	J	1.29	J	1.24	J	**3.04**	**J**	1.16	J	**4**	U	1.66	J	**4**	U
Arsenic	25	**75.07**		**38.52**		**70.66**		**83.56**		**62.56**		5.77		11.4		13.01		9.01		17	
Barium	1000	**3,274**		**1,807**		**1,070**		**2,834**		**1,775**		705.9		215.8		320.8		327.8		700.1	
Beryllium	3	**6.53**		**3.56**		1.32		**5.92**		1.9		0.5	U	0.5	U	0.44	J	0.15	J	1.27	
Cadmium	5	**32.59**		**6.45**		2.5		3.76		**8.02**		0.41		0.99		0.18	J	0.61		0.63	
Calcium	~	260000		158000		210000		257000		186000		175000		64800		92300		80800		115000	
Chromium	50	**271.6**		**248.8**		**51.21**		**118.5**		**56.34**		7.08		1.75		7.79		8.45		**79.53**	
Chromium, Trivalent	50	272		249		51		118		56		10	U	10	U	10	U	10	U	79	
Chromium, Hexavalent	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Cobalt	~	106.5		80.3		17.02		55.72		25.3		2.28		1.46		3.53		3.84		24.42	
Copper	200	**2134**		**475.3**		41.73		48.14		25.61		49.42		8.64		25.85		19.18		124.6	
Total Cyanide	200	9		2	J	8		16		2	J	3	J	2	J	6		9		4	J
Iron	~	**457,000**		**199,000**		**85,500**		**458,000**		**96,800**		**24,300**		**24,700**		**20,900**		**33,800**		**76,300**	
Lead	25	**13,110**		**3,891**		**2,030**		**11,980**		**3,662**		**473**		**718.9**		**187.3**		**1373**		**945.4**	

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YONKERS, NEW YORK

Compound	NYSDEC TOGS Standards and Guidance Values - GA	Sample ID																			
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		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Magnesium	35000	**79,300**		**68,100**		**77,600**		**42,800**		**49,100**		**55,300**		13500		13700		15300		**43,900**	
Manganese	300	**9,073**		**4,732**		**1,696**		**3,967**		**2,476**		**1,188**		**449.9**		**496.4**		**675.7**		**1,951**	
Nickel	100	**266.7**		**159.8**		47.05		**201**		63.87		3.07		4		9.53		7.81		47.22	
Potassium	~	14700		17700		16600		19100		9560		24600		18700		14400		7330		16600	
Selenium	10	9.81		9.32		2.47	J	7.66		4.26	J	5	U	5	U	5	U	5	U	3.36	J
Silver	50	0.19	J	0.21	J	0.2	J	0.31	J	0.4	U	0.4	U	0.4	U	0.5		0.4	U	0.4	U
Sodium	20000	**66,100**		**82,800**		**145,000**		**108,000**		**158,000**		**623,000**		**67,300**		**96,500**		**158,000**		**186,000**	
Thallium	0.5	**0.98**		**0.7**		0.17	J	**1.21**		**1.24**		0.23	J	**0.5**	U	**0.5**	U	**0.5**	U	0.4	J
Vanadium	~	402.4		423		81.1		500.1		134.3		5.71		3.1	J	19.26		10.27		90.07	
Zinc	2000	**7,233**		1368		**2,618**		**9,273**		**5,040**		147.2		225.5		82.73		272.4		289	
Mercury by 7473	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Mercury	0.7	**2.5**		**1.9**		**2.93**		**4.42**		**1.04**		**1.09**		**1.8**		**1.05**		0.51		**6.4**	
Mercury by 7473, Dissolved	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Mercury	0.7	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Polychlorinated Biphenyls	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Aroclor 1016	0.09	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1221	0.09	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1232	0.09	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1242	0.09	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1248	0.09	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1254	0.09	**1.65**		0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1260	0.09	**4.5**		**0.732**		0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1262	0.09	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U
Aroclor 1268	0.09	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U
PCBs, Total	0.09	**6.15**		**0.732**		0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Analyte was detected above NYSDEC TOGS Standards and Guidance Values

TABLE 5
SUMMARY OF SOIL VAPOR ANALYTICAL DATA
57 ALEXANDER STREET
YONKERS, NEW YORK

Parameters	NYSDOH Guidance		Sample Identifer		
TO-15 VOCs (ug/m3)	Indoor Air		SV-1	SV-2	IA-1
	25th	75th	10/10/2018	10/10/2018	10/10/2018
1,1,1-Trichloroethane (1,1,1-TCA)[2]	<0.25	1.1	**27.90**	**51.5**	ND
1,1,2,2-Tetrachloroethane	<0.25	<0.25	ND	ND	ND
1,1,2-Trichloro-1,2,2-Trifluoroethane	NA	NA	ND	ND	ND
1,1,2-Trichloroethane	<0.25	<0.25	ND	ND	ND
1,1-Dichloroethane	<0.25	<0.25	ND	ND	ND
1,1-Dichloroethene[1]	<0.25	<0.25	ND	ND	ND
1,2,4-Trichlorobenzene	<0.25	<0.25	ND	ND	ND
1,2,4-Trimethylbenzene	0.7	4.3	**21.1**	**28.2**	**1.8**
1,2-Dibromoethane	<0.25	<0.25	ND	ND	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane	NA	NA	ND	ND	ND
1,2-Dichlorobenzene	<0.25	<0.25	ND	ND	ND
1,2-Dichloroethane	<0.25	<0.25	ND	ND	ND
1,2-Dichloropropane	<0.25	<0.25	ND	ND	ND
1,3,5-Trimethylbenzene	0.3	1.7	**5.65**	**8.01**	ND
1,3-Butadiene	NA	NA	23	1.14	ND
1,3-Dichlorobenzene	<0.25	<0.25	ND	ND	ND
1,4-Dichlorobenzene	<0.25	0.5	ND	ND	ND
1,4-Dioxane	NA	NA	ND	ND	ND
2,2,4-Trimethylpentane	NA	NA	ND	8.27	ND
2-Butanone	NA	NA	38.3	26.2	3.39
2-Hexanone	NA	NA	ND	2.04	ND
3-Chloropropene	NA	NA	ND	ND	ND
4-Ethyltoluene	NA	NA	9.88	8.46	ND
4-Methyl-2-pentanone	NA	NA	ND	ND	ND
Acetone	9.9	52	**420**	**154**	**542**
Benzene	1.1	5.9	**96.2**	**9.74**	ND
Benzyl chloride	NA	NA	ND	ND	ND
Bromodichloromethane	NA	NA	ND	ND	ND
Bromoform	NA	NA	ND	ND	ND
Bromomethane	<0.25	<0.25	ND	ND	ND
Carbon disulfide	NA	NA	48.3	16.9	ND
Carbon tetrachloride[1]	<0.25	0.6	ND	ND	**0.43**
Chlorobenzene	<0.25	<0.25	ND	ND	ND
Chloroethane	<0.25	<0.25	ND	ND	ND
Chloroform	<0.25	0.5	**12.8**	**8.4**	ND
Chloromethane	<0.25	1.8	ND	ND	**1.10**
cis-1,2-Dichloroethene[1]	<0.25	<0.25	ND	ND	ND
cis-1,3-Dichloropropene	<0.25	<0.25	ND	ND	ND
Cyclohexane	<0.25	2.6	**38.6**	**6.61**	ND
Dibromochloromethane	NA	NA	ND	ND	ND
Dichlorodifluoromethane	<0.25	4.1	**2.55**	ND	**1.85**
Ethyl Acetate	NA	NA	ND	ND	ND
Ethyl Alcohol	3.5	25	**55.8**	ND	**11.4**
Ethylbenzene	0.4	2.8	**23.3**	**20.2**	**3.47**
Heptane	NA	NA	53.3	10.1	2.84
Hexachlorobutadiene	<0.25	<0.25	ND	ND	ND
iso-Propyl Alcohol	NA	NA	12	2.5	23.1
Methyl tert butyl ether	<0.25	5.6	ND	ND	ND
Methylene chloride[2]	0.3	6.6	**7.16**	ND	ND
n-Hexane	0.6	5.9	**67.3**	**15.1**	**0.807**
o-Xylene	0.4	3.1	**25.0**	**30.1**	**6.60**
p/m-Xylene	0.5	4.6	**111**	**95.1**	**18.4**
Styrene	<0.25	0.6	**3.03**	**2.49**	ND
tert-Butyl Alcohol	NA	NA	6.31	ND	ND
Tetrachloroethene (PCE)[2]	<0.25	1.1	**7.59**	**6.58**	**0.441**
Tetrahydrofuran	<0.25	0.4	**3.83**	**3.66**	ND
Toluene	3.5	25	**109**	**79.10**	**28.7**
trans-1,2-Dichloroethene	NA	NA	ND	ND	ND
trans-1,3-Dichloropropene	<0.25	<0.25	ND	ND	ND
Trichloroethene (TCE)[1]	<0.25	<0.25	**6.77**	ND	**0.371**
Trichlorofluoromethane	1.1	5.4	ND	ND	**1.42**
Vinyl bromide	NA	NA	ND	ND	ND
Vinyl chloride[3]	<0.25	<0.25	ND	ND	ND
Fixed Gasses (%)	Indoor Air		SV-1	SV-2	IA-1
	25th	75th			
Helium	NA	NA	ND	ND	ND

Notes:
ND - Not Detected
ug/m3 - micrograms per cubic meter
NA - Not Available/Not Analyzed
NYSDOH Guidance - New York State Department of Health Guidance for Evaluating Soil Vapor Intrusion
Bolded/ Highlighted values indicate the detected concentration exceeds the Soil Vapor Intrusion 75th percentile for Indoor Air
[1] Compound subject to NYSDOH Soil Vapor/Indoor Air Matrix A
[2] Compound subject to NYSDOH Soil Vapor/Indoor Air Matrix B
[3] Compound subject to NYSDOH Soil Vapor/Indoor Air Matrix C

Analyte was detected above the 25th Percentile
Analyte was detected above the 75th Percentile

Attachment C
Laboratory Data Sheets

ANALYTICAL REPORT

Lab Number:	L1840781
Client:	VHB Engineering, Surveying and Landscape One Penn Plaza Suite 715 New York, NY 10119-0800
ATTN:	Jessica Collins
Phone:	(646) 809-8042
Project Name:	ALEXANDER ST.
Project Number:	25720.00
Report Date:	10/22/18

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: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1840781-01	B-1 (0-2)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/09/18 08:35	10/09/18
L1840781-02	B-1 (8-10)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/09/18 08:45	10/09/18
L1840781-03	B-2 (0-2)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/09/18 09:45	10/09/18
L1840781-04	B-2 (8-10)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/09/18 09:50	10/09/18
L1840781-05	B-3 (0-2)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/09/18 09:55	10/09/18
L1840781-06	B-3 (8-10)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/09/18 10:07	10/09/18
L1840781-07	B-4 (9-10)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/09/18 11:30	10/09/18
L1840781-08	B-5 (9-10)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/09/18 12:40	10/09/18
L1840781-09	B-6 (9-10)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/09/18 14:20	10/09/18
L1840781-10	GW-1	WATER	57 ALEXANDER ST., YONKERS, NY 10701	10/09/18 13:10	10/09/18
L1840781-11	GW-2	WATER	57 ALEXANDER ST., YONKERS, NY 10701	10/09/18 13:45	10/09/18
L1840781-12	TB-1	WATER	57 ALEXANDER ST., YONKERS, NY 10701	10/09/18 00:00	10/09/18

Project Name: ALEXANDER ST. **Lab Number:** L1840781
Project Number: 25720.00 **Report Date:** 10/22/18

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name:	ALEXANDER ST.	**Lab Number:**	L1840781
Project Number:	25720.00	**Report Date:**	10/22/18

Case Narrative (continued)

Report Submission

October 22, 2018: This final report includes the results of all requested analyses.

October 19, 2018: This is a preliminary report.

October 18, 2018: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L1840781-10 and -11: The sample was received below the appropriate pH for the Total Cyanide analysis. The laboratory added additional NaOH to a pH >12.

L1840781-12 : A sample identified as "TB-1" was received but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

Volatile Organics

L1840781-05: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (43%) was below the acceptance criteria; however, re-analysis achieved similar results: 1,4-dichlorobenzene-d4 (35%). The results of both analyses are reported.

L1840781-06: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

L1840781-08: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1840781-09: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (40%) was below the acceptance criteria; however, re-analysis achieved similar results: fluorobenzene (34%), chlorobenzene-d5 (30%) and 1,4-dichlorobenzene-d4 (21%). The results of both analyses are reported.

Semivolatile Organics

L1840781-07 and -08: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%),

Project Name: ALEXANDER ST. **Lab Number:** L1840781
Project Number: 25720.00 **Report Date:** 10/22/18

Case Narrative (continued)

phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%), and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.
L1840781-08: The sample has elevated detection limits due to the dilution required by the sample matrix.

PCBs
L1840781-05: 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.
L1840781-07: The internal standard (IS) response for 1-bromo-2-nitrobenzene was above the acceptance criteria; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (25%) and decachlorobiphenyl (21%) due to interference with the Internal Standard.

Pesticides
L1840781-01, -03, -05 through -09, and -11: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.
L1840781-01, -05, -07, and -08: 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.
L1840781-02: The sample has elevated detection limits due to the dilution required by the sample matrix.
L1840781-08: The sample has elevated detection limits due to limited sample volume available for analysis.

Total Metals
L1840781-01 through -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Project Name:	ALEXANDER ST.	**Lab Number:**	L1840781
Project Number:	25720.00	**Report Date:**	10/22/18

Case Narrative (continued)

Dissolved Metals

L1840781-10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the prep dilution required by the sample matrix.

L1840781-11: The analysis of Dissolved Metals by Method 6020B was performed using sample that was filtered beyond the recommended 24 hour holding time required for filtration.

The WG1169648-3 MS recovery, performed on L1840781-11, is outside the acceptance criteria for magnesium (130%). A post digestion spike was performed and was within acceptance criteria.

The WG1169648-3 MS recoveries for calcium (180%) and sodium (35%), performed on L1840781-11, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1169648-4 Laboratory Duplicate RPD for aluminum (49%), performed on L1840781-11, is above the acceptance criteria; however, the sample and duplicate results are less than five times the reporting limit. Therefore, the RPD is valid.

Cyanide, Total

The WG1166540-2 LCS recovery (44%), associated with L1840781-01 through -09, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1166540-2/-3 LCS/LCSD RPD (66%), associated with L1840781-01 through -09, are above the acceptance criteria.

Hexavalent Chromium

The WG1166714-5 Soluble MS recovery (55%), performed on L1840781-01, is below the acceptance criteria. The Post spike recovery (75%) was also below criteria. This has been attributed to matrix interference.

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: Kelly Stenstrom

Title: Technical Director/Representative Date: 10/22/18

ORGANICS

VOLATILES

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-01
Client ID: B-1 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 08:35
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/18 13:10
Analyst: MKS
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - 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
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	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	0.31	J	ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-01 Date Collected: 10/09/18 08:35

Client ID: B-1 (0-2) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
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	1.4	J	ug/kg	2.3	0.64	1
o-Xylene	0.54	J	ug/kg	1.1	0.33	1
Xylenes, Total	1.9	J	ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	160		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	24		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	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
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-01 Date Collected: 10/09/18 08:35

Client ID: B-1 (0-2) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
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	110	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	97		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-02 Date Collected: 10/09/18 08:45

Client ID: B-1 (8-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/17/18 11:28

Analyst: JC

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	4.9	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.31	1
Chloroform	ND		ug/kg	3.2	0.30	1
Carbon tetrachloride	ND		ug/kg	2.1	0.49	1
1,2-Dichloropropane	ND		ug/kg	2.1	0.27	1
Dibromochloromethane	ND		ug/kg	2.1	0.30	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.57	1
Tetrachloroethene	ND		ug/kg	1.1	0.42	1
Chlorobenzene	0.78	J	ug/kg	1.1	0.27	1
Trichlorofluoromethane	ND		ug/kg	8.5	1.5	1
1,2-Dichloroethane	ND		ug/kg	2.1	0.55	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.36	1
Bromodichloromethane	ND		ug/kg	1.1	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	2.1	0.58	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.34	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.34	1
1,1-Dichloropropene	ND		ug/kg	1.1	0.34	1
Bromoform	ND		ug/kg	8.5	0.52	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.35	1
Benzene	ND		ug/kg	1.1	0.35	1
Toluene	ND		ug/kg	2.1	1.2	1
Ethylbenzene	ND		ug/kg	2.1	0.30	1
Chloromethane	ND		ug/kg	8.5	2.0	1
Bromomethane	ND		ug/kg	4.3	1.2	1
Vinyl chloride	ND		ug/kg	2.1	0.72	1
Chloroethane	ND		ug/kg	4.3	0.96	1
1,1-Dichloroethene	ND		ug/kg	2.1	0.51	1
trans-1,2-Dichloroethene	ND		ug/kg	3.2	0.29	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-02 Date Collected: 10/09/18 08:45

Client ID: B-1 (8-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.1	0.29	1
1,2-Dichlorobenzene	ND		ug/kg	4.3	0.31	1
1,3-Dichlorobenzene	ND		ug/kg	4.3	0.32	1
1,4-Dichlorobenzene	ND		ug/kg	4.3	0.36	1
Methyl tert butyl ether	ND		ug/kg	4.3	0.43	1
p/m-Xylene	1.2	J	ug/kg	4.3	1.2	1
o-Xylene	ND		ug/kg	2.1	0.62	1
Xylenes, Total	1.2	J	ug/kg	2.1	0.62	1
cis-1,2-Dichloroethene	ND		ug/kg	2.1	0.37	1
1,2-Dichloroethene, Total	ND		ug/kg	2.1	0.29	1
Dibromomethane	ND		ug/kg	4.3	0.51	1
Styrene	ND		ug/kg	2.1	0.42	1
Dichlorodifluoromethane	ND		ug/kg	21	2.0	1
Acetone	130		ug/kg	21	10.	1
Carbon disulfide	ND		ug/kg	21	9.7	1
2-Butanone	21		ug/kg	21	4.7	1
Vinyl acetate	ND		ug/kg	21	4.6	1
4-Methyl-2-pentanone	ND		ug/kg	21	2.7	1
1,2,3-Trichloropropane	ND		ug/kg	4.3	0.27	1
2-Hexanone	ND		ug/kg	21	2.5	1
Bromochloromethane	ND		ug/kg	4.3	0.44	1
2,2-Dichloropropane	ND		ug/kg	4.3	0.43	1
1,2-Dibromoethane	ND		ug/kg	2.1	0.60	1
1,3-Dichloropropane	ND		ug/kg	4.3	0.36	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.28	1
Bromobenzene	ND		ug/kg	4.3	0.31	1
n-Butylbenzene	ND		ug/kg	2.1	0.36	1
sec-Butylbenzene	ND		ug/kg	2.1	0.31	1
tert-Butylbenzene	ND		ug/kg	4.3	0.25	1
o-Chlorotoluene	ND		ug/kg	4.3	0.41	1
p-Chlorotoluene	ND		ug/kg	4.3	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.4	2.1	1
Hexachlorobutadiene	ND		ug/kg	8.5	0.36	1
Isopropylbenzene	ND		ug/kg	2.1	0.23	1
p-Isopropyltoluene	ND		ug/kg	2.1	0.23	1
Naphthalene	2.4	J	ug/kg	8.5	1.4	1
Acrylonitrile	ND		ug/kg	8.5	2.4	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-02 Date Collected: 10/09/18 08:45

Client ID: B-1 (8-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.1	0.36	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.3	0.69	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.3	0.58	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.3	0.41	1
1,2,4-Trimethylbenzene	0.74	J	ug/kg	4.3	0.71	1
1,4-Dioxane	ND		ug/kg	210	75.	1
p-Diethylbenzene	0.60	J	ug/kg	4.3	0.38	1
p-Ethyltoluene	ND		ug/kg	4.3	0.82	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.3	0.41	1
Ethyl ether	ND		ug/kg	4.3	0.73	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	11	3.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	96		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-03 Date Collected: 10/09/18 09:45

Client ID: B-2 (0-2) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/17/18 11:54

Analyst: JC

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - 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
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	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
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-03 Date Collected: 10/09/18 09:45

Client ID: B-2 (0-2) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
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
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	79		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	9.9	J	ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	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
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-03 Date Collected: 10/09/18 09:45

Client ID: B-2 (0-2) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
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	110	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	96		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-04 Date Collected: 10/09/18 09:50
Client ID: B-2 (8-10) Date Received: 10/09/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/18 21:00
Analyst: NLK
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	0.20	J	ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-04 Date Collected: 10/09/18 09:50

Client ID: B-2 (8-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	110		ug/kg	13	6.3	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	18		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.16	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	5.6		ug/kg	5.3	0.86	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-04 Date Collected: 10/09/18 09:50

Client ID: B-2 (8-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	0.44	J	ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	1.1	J	ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	130	46.	1
p-Diethylbenzene	0.38	J	ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.51	1
1,2,4,5-Tetramethylbenzene	1.0	J	ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	97		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-05
Client ID: B-3 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:55
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/18 12:45
Analyst: MKS
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - 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
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.27	1
Chlorobenzene	14		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.95	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.23	1
Benzene	0.38	J	ug/kg	0.68	0.23	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	0.23	J	ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.7	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.19	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-05 Date Collected: 10/09/18 09:55

Client ID: B-3 (0-2) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.19	1
1,2-Dichlorobenzene	0.46	J	ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	1.3	J	ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	13		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
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	190		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	14		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	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
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.5	0.89	1
Acrylonitrile	ND		ug/kg	5.5	1.6	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-05 Date Collected: 10/09/18 09:55

Client ID: B-3 (0-2) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
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	140	48.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	129		70-130
Dibromofluoromethane	96		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-05 R
Client ID: B-3 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:55
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/18 21:25
Analyst: NLK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.4	3.9	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
1,2-Dichloropropane	ND		ug/kg	1.7	0.21	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.45	1
Tetrachloroethene	ND		ug/kg	0.84	0.33	1
Chlorobenzene	29		ug/kg	0.84	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.8	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.43	1
1,1,1-Trichloroethane	ND		ug/kg	0.84	0.28	1
Bromodichloromethane	ND		ug/kg	0.84	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.46	1
cis-1,3-Dichloropropene	ND		ug/kg	0.84	0.27	1
1,3-Dichloropropene, Total	ND		ug/kg	0.84	0.27	1
1,1-Dichloropropene	ND		ug/kg	0.84	0.27	1
Bromoform	ND		ug/kg	6.8	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.84	0.28	1
Benzene	0.55	J	ug/kg	0.84	0.28	1
Toluene	ND		ug/kg	1.7	0.92	1
Ethylbenzene	0.41	J	ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.8	1.6	1
Bromomethane	ND		ug/kg	3.4	0.98	1
Vinyl chloride	ND		ug/kg	1.7	0.56	1
Chloroethane	ND		ug/kg	3.4	0.76	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-05 R
Client ID: B-3 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:55
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.84	0.23	1
1,2-Dichlorobenzene	1.0	J	ug/kg	3.4	0.24	1
1,3-Dichlorobenzene	2.8	J	ug/kg	3.4	0.25	1
1,4-Dichlorobenzene	30		ug/kg	3.4	0.29	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.34	1
p/m-Xylene	1.2	J	ug/kg	3.4	0.94	1
o-Xylene	ND		ug/kg	1.7	0.49	1
Xylenes, Total	1.2	J	ug/kg	1.7	0.49	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.30	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.23	1
Dibromomethane	ND		ug/kg	3.4	0.40	1
Styrene	ND		ug/kg	1.7	0.33	1
Dichlorodifluoromethane	ND		ug/kg	17	1.5	1
Acetone	140		ug/kg	17	8.1	1
Carbon disulfide	ND		ug/kg	17	7.7	1
2-Butanone	13	J	ug/kg	17	3.7	1
Vinyl acetate	ND		ug/kg	17	3.6	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	3.4	0.21	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.35	1
2,2-Dichloropropane	ND		ug/kg	3.4	0.34	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.47	1
1,3-Dichloropropane	ND		ug/kg	3.4	0.28	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.84	0.22	1
Bromobenzene	ND		ug/kg	3.4	0.24	1
n-Butylbenzene	ND		ug/kg	1.7	0.28	1
sec-Butylbenzene	ND		ug/kg	1.7	0.25	1
tert-Butylbenzene	ND		ug/kg	3.4	0.20	1
o-Chlorotoluene	ND		ug/kg	3.4	0.32	1
p-Chlorotoluene	ND		ug/kg	3.4	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	1.7	1
Hexachlorobutadiene	ND		ug/kg	6.8	0.28	1
Isopropylbenzene	ND		ug/kg	1.7	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.18	1
Naphthalene	ND		ug/kg	6.8	1.1	1
Acrylonitrile	ND		ug/kg	6.8	1.9	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-05 R
Client ID: B-3 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:55
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.7	0.29	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.54	1
1,2,4-Trichlorobenzene	0.65	J	ug/kg	3.4	0.46	1
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	170	59.	1
p-Diethylbenzene	ND		ug/kg	3.4	0.30	1
p-Ethyltoluene	ND		ug/kg	3.4	0.65	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.4	0.32	1
Ethyl ether	ND		ug/kg	3.4	0.58	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.4	2.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	125		70-130
Dibromofluoromethane	99		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-06 Date Collected: 10/09/18 10:07
Client ID: B-3 (8-10) Date Received: 10/09/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/18 10:12
Analyst: JC
Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	680	310	1
1,1-Dichloroethane	ND		ug/kg	140	20.	1
Chloroform	ND		ug/kg	200	19.	1
Carbon tetrachloride	ND		ug/kg	140	31.	1
1,2-Dichloropropane	ND		ug/kg	140	17.	1
Dibromochloromethane	ND		ug/kg	140	19.	1
1,1,2-Trichloroethane	ND		ug/kg	140	36.	1
Tetrachloroethene	ND		ug/kg	68	26.	1
Chlorobenzene	ND		ug/kg	68	17.	1
Trichlorofluoromethane	ND		ug/kg	540	94.	1
1,2-Dichloroethane	ND		ug/kg	140	35.	1
1,1,1-Trichloroethane	ND		ug/kg	68	22.	1
Bromodichloromethane	ND		ug/kg	68	15.	1
trans-1,3-Dichloropropene	ND		ug/kg	140	37.	1
cis-1,3-Dichloropropene	ND		ug/kg	68	21.	1
1,3-Dichloropropene, Total	ND		ug/kg	68	21.	1
1,1-Dichloropropene	ND		ug/kg	68	22.	1
Bromoform	ND		ug/kg	540	33.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	68	22.	1
Benzene	40	J	ug/kg	68	22.	1
Toluene	210		ug/kg	140	73.	1
Ethylbenzene	26	J	ug/kg	140	19.	1
Chloromethane	ND		ug/kg	540	130	1
Bromomethane	ND		ug/kg	270	79.	1
Vinyl chloride	ND		ug/kg	140	45.	1
Chloroethane	ND		ug/kg	270	61.	1
1,1-Dichloroethene	ND		ug/kg	140	32.	1
trans-1,2-Dichloroethene	ND		ug/kg	200	18.	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-06 Date Collected: 10/09/18 10:07

Client ID: B-3 (8-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	68	18.	1
1,2-Dichlorobenzene	ND		ug/kg	270	19.	1
1,3-Dichlorobenzene	ND		ug/kg	270	20.	1
1,4-Dichlorobenzene	ND		ug/kg	270	23.	1
Methyl tert butyl ether	ND		ug/kg	270	27.	1
p/m-Xylene	ND		ug/kg	270	76.	1
o-Xylene	40	J	ug/kg	140	39.	1
Xylenes, Total	40	J	ug/kg	140	39.	1
cis-1,2-Dichloroethene	ND		ug/kg	140	24.	1
1,2-Dichloroethene, Total	ND		ug/kg	140	18.	1
Dibromomethane	ND		ug/kg	270	32.	1
Styrene	ND		ug/kg	140	26.	1
Dichlorodifluoromethane	ND		ug/kg	1400	120	1
Acetone	ND		ug/kg	1400	650	1
Carbon disulfide	ND		ug/kg	1400	620	1
2-Butanone	ND		ug/kg	1400	300	1
Vinyl acetate	ND		ug/kg	1400	290	1
4-Methyl-2-pentanone	ND		ug/kg	1400	170	1
1,2,3-Trichloropropane	ND		ug/kg	270	17.	1
2-Hexanone	ND		ug/kg	1400	160	1
Bromochloromethane	ND		ug/kg	270	28.	1
2,2-Dichloropropane	ND		ug/kg	270	27.	1
1,2-Dibromoethane	ND		ug/kg	140	38.	1
1,3-Dichloropropane	ND		ug/kg	270	22.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	68	18.	1
Bromobenzene	ND		ug/kg	270	20.	1
n-Butylbenzene	ND		ug/kg	140	22.	1
sec-Butylbenzene	ND		ug/kg	140	20.	1
tert-Butylbenzene	ND		ug/kg	270	16.	1
o-Chlorotoluene	ND		ug/kg	270	26.	1
p-Chlorotoluene	ND		ug/kg	270	15.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	400	140	1
Hexachlorobutadiene	ND		ug/kg	540	23.	1
Isopropylbenzene	ND		ug/kg	140	15.	1
p-Isopropyltoluene	420		ug/kg	140	15.	1
Naphthalene	780		ug/kg	540	88.	1
Acrylonitrile	ND		ug/kg	540	160	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-06 Date Collected: 10/09/18 10:07

Client ID: B-3 (8-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	140	23.	1
1,2,3-Trichlorobenzene	ND		ug/kg	270	44.	1
1,2,4-Trichlorobenzene	ND		ug/kg	270	37.	1
1,3,5-Trimethylbenzene	50	J	ug/kg	270	26.	1
1,2,4-Trimethylbenzene	57	J	ug/kg	270	45.	1
1,4-Dioxane	ND		ug/kg	14000	4700	1
p-Diethylbenzene	43	J	ug/kg	270	24.	1
p-Ethyltoluene	ND		ug/kg	270	52.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	270	26.	1
Ethyl ether	ND		ug/kg	270	46.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	680	190	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	90		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-07 Date Collected: 10/09/18 11:30
Client ID: B-4 (9-10) Date Received: 10/09/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/18 11:03
Analyst: JC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16	7.4	1
1,1-Dichloroethane	ND		ug/kg	3.2	0.47	1
Chloroform	ND		ug/kg	4.8	0.45	1
Carbon tetrachloride	ND		ug/kg	3.2	0.74	1
1,2-Dichloropropane	ND		ug/kg	3.2	0.40	1
Dibromochloromethane	ND		ug/kg	3.2	0.45	1
1,1,2-Trichloroethane	ND		ug/kg	3.2	0.86	1
Tetrachloroethene	ND		ug/kg	1.6	0.63	1
Chlorobenzene	ND		ug/kg	1.6	0.41	1
Trichlorofluoromethane	ND		ug/kg	13	2.2	1
1,2-Dichloroethane	ND		ug/kg	3.2	0.83	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.54	1
Bromodichloromethane	ND		ug/kg	1.6	0.35	1
trans-1,3-Dichloropropene	ND		ug/kg	3.2	0.88	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.51	1
1,3-Dichloropropene, Total	ND		ug/kg	1.6	0.51	1
1,1-Dichloropropene	ND		ug/kg	1.6	0.52	1
Bromoform	ND		ug/kg	13	0.80	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.54	1
Benzene	ND		ug/kg	1.6	0.54	1
Toluene	ND		ug/kg	3.2	1.8	1
Ethylbenzene	ND		ug/kg	3.2	0.46	1
Chloromethane	ND		ug/kg	13	3.0	1
Bromomethane	ND		ug/kg	6.5	1.9	1
Vinyl chloride	ND		ug/kg	3.2	1.1	1
Chloroethane	ND		ug/kg	6.5	1.5	1
1,1-Dichloroethene	ND		ug/kg	3.2	0.77	1
trans-1,2-Dichloroethene	ND		ug/kg	4.8	0.44	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-07 Date Collected: 10/09/18 11:30

Client ID: B-4 (9-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.6	0.44	1
1,2-Dichlorobenzene	ND		ug/kg	6.5	0.47	1
1,3-Dichlorobenzene	ND		ug/kg	6.5	0.48	1
1,4-Dichlorobenzene	ND		ug/kg	6.5	0.55	1
Methyl tert butyl ether	ND		ug/kg	6.5	0.65	1
p/m-Xylene	2.8	J	ug/kg	6.5	1.8	1
o-Xylene	1.4	J	ug/kg	3.2	0.94	1
Xylenes, Total	4.2	J	ug/kg	3.2	0.94	1
cis-1,2-Dichloroethene	ND		ug/kg	3.2	0.57	1
1,2-Dichloroethene, Total	ND		ug/kg	3.2	0.44	1
Dibromomethane	ND		ug/kg	6.5	0.77	1
Styrene	ND		ug/kg	3.2	0.63	1
Dichlorodifluoromethane	ND		ug/kg	32	3.0	1
Acetone	28	J	ug/kg	32	16.	1
Carbon disulfide	ND		ug/kg	32	15.	1
2-Butanone	ND		ug/kg	32	7.2	1
Vinyl acetate	ND		ug/kg	32	7.0	1
4-Methyl-2-pentanone	ND		ug/kg	32	4.1	1
1,2,3-Trichloropropane	ND		ug/kg	6.5	0.41	1
2-Hexanone	ND		ug/kg	32	3.8	1
Bromochloromethane	ND		ug/kg	6.5	0.66	1
2,2-Dichloropropane	ND		ug/kg	6.5	0.65	1
1,2-Dibromoethane	ND		ug/kg	3.2	0.90	1
1,3-Dichloropropane	ND		ug/kg	6.5	0.54	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.43	1
Bromobenzene	ND		ug/kg	6.5	0.47	1
n-Butylbenzene	ND		ug/kg	3.2	0.54	1
sec-Butylbenzene	ND		ug/kg	3.2	0.47	1
tert-Butylbenzene	ND		ug/kg	6.5	0.38	1
o-Chlorotoluene	ND		ug/kg	6.5	0.62	1
p-Chlorotoluene	ND		ug/kg	6.5	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.7	3.2	1
Hexachlorobutadiene	ND		ug/kg	13	0.55	1
Isopropylbenzene	ND		ug/kg	3.2	0.35	1
p-Isopropyltoluene	ND		ug/kg	3.2	0.35	1
Naphthalene	62		ug/kg	13	2.1	1
Acrylonitrile	ND		ug/kg	13	3.7	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-07 Date Collected: 10/09/18 11:30

Client ID: B-4 (9-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	3.2	0.55	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.5	1.0	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.5	0.88	1
1,3,5-Trimethylbenzene	1.7	J	ug/kg	6.5	0.62	1
1,2,4-Trimethylbenzene	4.0	J	ug/kg	6.5	1.1	1
1,4-Dioxane	ND		ug/kg	320	110	1
p-Diethylbenzene	0.97	J	ug/kg	6.5	0.57	1
p-Ethyltoluene	1.2	J	ug/kg	6.5	1.2	1
1,2,4,5-Tetramethylbenzene	0.66	J	ug/kg	6.5	0.62	1
Ethyl ether	ND		ug/kg	6.5	1.1	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	16	4.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	95		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-08 D
Client ID: B-5 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 12:40
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/18 10:37
Analyst: JC
Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1500	680	2.5
1,1-Dichloroethane	ND		ug/kg	300	43.	2.5
Chloroform	ND		ug/kg	450	42.	2.5
Carbon tetrachloride	ND		ug/kg	300	69.	2.5
1,2-Dichloropropane	ND		ug/kg	300	37.	2.5
Dibromochloromethane	ND		ug/kg	300	42.	2.5
1,1,2-Trichloroethane	ND		ug/kg	300	80.	2.5
Tetrachloroethene	ND		ug/kg	150	58.	2.5
Chlorobenzene	ND		ug/kg	150	38.	2.5
Trichlorofluoromethane	ND		ug/kg	1200	210	2.5
1,2-Dichloroethane	ND		ug/kg	300	77.	2.5
1,1,1-Trichloroethane	ND		ug/kg	150	50.	2.5
Bromodichloromethane	ND		ug/kg	150	32.	2.5
trans-1,3-Dichloropropene	ND		ug/kg	300	82.	2.5
cis-1,3-Dichloropropene	ND		ug/kg	150	47.	2.5
1,3-Dichloropropene, Total	ND		ug/kg	150	47.	2.5
1,1-Dichloropropene	ND		ug/kg	150	47.	2.5
Bromoform	ND		ug/kg	1200	73.	2.5
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	50.	2.5
Benzene	ND		ug/kg	150	50.	2.5
Toluene	ND		ug/kg	300	160	2.5
Ethylbenzene	ND		ug/kg	300	42.	2.5
Chloromethane	ND		ug/kg	1200	280	2.5
Bromomethane	ND		ug/kg	600	170	2.5
Vinyl chloride	ND		ug/kg	300	100	2.5
Chloroethane	ND		ug/kg	600	130	2.5
1,1-Dichloroethene	ND		ug/kg	300	71.	2.5
trans-1,2-Dichloroethene	ND		ug/kg	450	41.	2.5

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-08 D
Client ID: B-5 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 12:40
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	150	41.	2.5
1,2-Dichlorobenzene	ND		ug/kg	600	43.	2.5
1,3-Dichlorobenzene	ND		ug/kg	600	44.	2.5
1,4-Dichlorobenzene	ND		ug/kg	600	51.	2.5
Methyl tert butyl ether	ND		ug/kg	600	60.	2.5
p/m-Xylene	ND		ug/kg	600	170	2.5
o-Xylene	ND		ug/kg	300	87.	2.5
Xylenes, Total	ND		ug/kg	300	87.	2.5
cis-1,2-Dichloroethene	ND		ug/kg	300	52.	2.5
1,2-Dichloroethene, Total	ND		ug/kg	300	41.	2.5
Dibromomethane	ND		ug/kg	600	71.	2.5
Styrene	ND		ug/kg	300	58.	2.5
Dichlorodifluoromethane	ND		ug/kg	3000	270	2.5
Acetone	ND		ug/kg	3000	1400	2.5
Carbon disulfide	ND		ug/kg	3000	1400	2.5
2-Butanone	ND		ug/kg	3000	660	2.5
Vinyl acetate	ND		ug/kg	3000	640	2.5
4-Methyl-2-pentanone	ND		ug/kg	3000	380	2.5
1,2,3-Trichloropropane	ND		ug/kg	600	38.	2.5
2-Hexanone	ND		ug/kg	3000	350	2.5
Bromochloromethane	ND		ug/kg	600	61.	2.5
2,2-Dichloropropane	ND		ug/kg	600	60.	2.5
1,2-Dibromoethane	ND		ug/kg	300	83.	2.5
1,3-Dichloropropane	ND		ug/kg	600	50.	2.5
1,1,1,2-Tetrachloroethane	ND		ug/kg	150	39.	2.5
Bromobenzene	ND		ug/kg	600	43.	2.5
n-Butylbenzene	3800		ug/kg	300	50.	2.5
sec-Butylbenzene	5200		ug/kg	300	44.	2.5
tert-Butylbenzene	680		ug/kg	600	35.	2.5
o-Chlorotoluene	ND		ug/kg	600	57.	2.5
p-Chlorotoluene	ND		ug/kg	600	32.	2.5
1,2-Dibromo-3-chloropropane	ND		ug/kg	900	300	2.5
Hexachlorobutadiene	ND		ug/kg	1200	50.	2.5
Isopropylbenzene	99	J	ug/kg	300	32.	2.5
p-Isopropyltoluene	ND		ug/kg	300	32.	2.5
Naphthalene	ND		ug/kg	1200	190	2.5
Acrylonitrile	ND		ug/kg	1200	340	2.5

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-08 D Date Collected: 10/09/18 12:40

Client ID: B-5 (9-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	300	51.	2.5
1,2,3-Trichlorobenzene	ND		ug/kg	600	96.	2.5
1,2,4-Trichlorobenzene	ND		ug/kg	600	81.	2.5
1,3,5-Trimethylbenzene	ND		ug/kg	600	58.	2.5
1,2,4-Trimethylbenzene	ND		ug/kg	600	100	2.5
1,4-Dioxane	ND		ug/kg	30000	10000	2.5
p-Diethylbenzene	ND		ug/kg	600	53.	2.5
p-Ethyltoluene	ND		ug/kg	600	110	2.5
1,2,4,5-Tetramethylbenzene	23000		ug/kg	600	57.	2.5
Ethyl ether	ND		ug/kg	600	100	2.5
trans-1,4-Dichloro-2-butene	ND		ug/kg	1500	420	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	94		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-09 Date Collected: 10/09/18 14:20

Client ID: B-6 (9-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/17/18 13:36

Analyst: MKS

Percent Solids: 61%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	5.6	1
1,1-Dichloroethane	ND		ug/kg	2.5	0.36	1
Chloroform	ND		ug/kg	3.7	0.34	1
Carbon tetrachloride	ND		ug/kg	2.5	0.56	1
1,2-Dichloropropane	ND		ug/kg	2.5	0.31	1
Dibromochloromethane	ND		ug/kg	2.5	0.34	1
1,1,2-Trichloroethane	ND		ug/kg	2.5	0.66	1
Tetrachloroethene	ND		ug/kg	1.2	0.48	1
Chlorobenzene	ND		ug/kg	1.2	0.31	1
Trichlorofluoromethane	ND		ug/kg	9.8	1.7	1
1,2-Dichloroethane	ND		ug/kg	2.5	0.63	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.41	1
Bromodichloromethane	ND		ug/kg	1.2	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	2.5	0.67	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.39	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.39	1
1,1-Dichloropropene	ND		ug/kg	1.2	0.39	1
Bromoform	ND		ug/kg	9.8	0.60	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.41	1
Benzene	ND		ug/kg	1.2	0.41	1
Toluene	ND		ug/kg	2.5	1.3	1
Ethylbenzene	ND		ug/kg	2.5	0.35	1
Chloromethane	ND		ug/kg	9.8	2.3	1
Bromomethane	ND		ug/kg	4.9	1.4	1
Vinyl chloride	ND		ug/kg	2.5	0.82	1
Chloroethane	ND		ug/kg	4.9	1.1	1
1,1-Dichloroethene	ND		ug/kg	2.5	0.58	1
trans-1,2-Dichloroethene	ND		ug/kg	3.7	0.34	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-09 Date Collected: 10/09/18 14:20

Client ID: B-6 (9-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.2	0.34	1
1,2-Dichlorobenzene	ND		ug/kg	4.9	0.35	1
1,3-Dichlorobenzene	ND		ug/kg	4.9	0.36	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	0.42	1
Methyl tert butyl ether	ND		ug/kg	4.9	0.49	1
p/m-Xylene	ND		ug/kg	4.9	1.4	1
o-Xylene	ND		ug/kg	2.5	0.72	1
Xylenes, Total	ND		ug/kg	2.5	0.72	1
cis-1,2-Dichloroethene	ND		ug/kg	2.5	0.43	1
1,2-Dichloroethene, Total	ND		ug/kg	2.5	0.34	1
Dibromomethane	ND		ug/kg	4.9	0.58	1
Styrene	ND		ug/kg	2.5	0.48	1
Dichlorodifluoromethane	ND		ug/kg	25	2.2	1
Acetone	150		ug/kg	25	12.	1
Carbon disulfide	ND		ug/kg	25	11.	1
2-Butanone	29		ug/kg	25	5.5	1
Vinyl acetate	ND		ug/kg	25	5.3	1
4-Methyl-2-pentanone	ND		ug/kg	25	3.1	1
1,2,3-Trichloropropane	ND		ug/kg	4.9	0.31	1
2-Hexanone	ND		ug/kg	25	2.9	1
Bromochloromethane	ND		ug/kg	4.9	0.50	1
2,2-Dichloropropane	ND		ug/kg	4.9	0.50	1
1,2-Dibromoethane	ND		ug/kg	2.5	0.69	1
1,3-Dichloropropane	ND		ug/kg	4.9	0.41	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.32	1
Bromobenzene	ND		ug/kg	4.9	0.36	1
n-Butylbenzene	ND		ug/kg	2.5	0.41	1
sec-Butylbenzene	ND		ug/kg	2.5	0.36	1
tert-Butylbenzene	ND		ug/kg	4.9	0.29	1
o-Chlorotoluene	ND		ug/kg	4.9	0.47	1
p-Chlorotoluene	ND		ug/kg	4.9	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.4	2.4	1
Hexachlorobutadiene	ND		ug/kg	9.8	0.42	1
Isopropylbenzene	ND		ug/kg	2.5	0.27	1
p-Isopropyltoluene	ND		ug/kg	2.5	0.27	1
Naphthalene	ND		ug/kg	9.8	1.6	1
Acrylonitrile	ND		ug/kg	9.8	2.8	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-09 Date Collected: 10/09/18 14:20

Client ID: B-6 (9-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.5	0.42	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	0.79	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	0.67	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.9	0.47	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.9	0.82	1
1,4-Dioxane	ND		ug/kg	250	86.	1
p-Diethylbenzene	ND		ug/kg	4.9	0.44	1
p-Ethyltoluene	ND		ug/kg	4.9	0.94	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.9	0.47	1
Ethyl ether	ND		ug/kg	4.9	0.84	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	12	3.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	99		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-09 R
Client ID: B-6 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 14:20
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/18 21:51
Analyst: NLK
Percent Solids: 61%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	18	8.1	1
1,1-Dichloroethane	ND		ug/kg	3.5	0.51	1
Chloroform	ND		ug/kg	5.3	0.50	1
Carbon tetrachloride	ND		ug/kg	3.5	0.81	1
1,2-Dichloropropane	ND		ug/kg	3.5	0.44	1
Dibromochloromethane	ND		ug/kg	3.5	0.50	1
1,1,2-Trichloroethane	ND		ug/kg	3.5	0.94	1
Tetrachloroethene	ND		ug/kg	1.8	0.69	1
Chlorobenzene	ND		ug/kg	1.8	0.45	1
Trichlorofluoromethane	ND		ug/kg	14	2.4	1
1,2-Dichloroethane	ND		ug/kg	3.5	0.91	1
1,1,1-Trichloroethane	ND		ug/kg	1.8	0.59	1
Bromodichloromethane	ND		ug/kg	1.8	0.38	1
trans-1,3-Dichloropropene	ND		ug/kg	3.5	0.96	1
cis-1,3-Dichloropropene	ND		ug/kg	1.8	0.56	1
1,3-Dichloropropene, Total	ND		ug/kg	1.8	0.56	1
1,1-Dichloropropene	ND		ug/kg	1.8	0.56	1
Bromoform	ND		ug/kg	14	0.87	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.8	0.59	1
Benzene	ND		ug/kg	1.8	0.59	1
Toluene	ND		ug/kg	3.5	1.9	1
Ethylbenzene	ND		ug/kg	3.5	0.50	1
Chloromethane	ND		ug/kg	14	3.3	1
Bromomethane	ND		ug/kg	7.1	2.0	1
Vinyl chloride	ND		ug/kg	3.5	1.2	1
Chloroethane	ND		ug/kg	7.1	1.6	1
1,1-Dichloroethene	ND		ug/kg	3.5	0.84	1
trans-1,2-Dichloroethene	ND		ug/kg	5.3	0.48	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-09 R
Client ID: B-6 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 14:20
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.8	0.48	1
1,2-Dichlorobenzene	ND		ug/kg	7.1	0.51	1
1,3-Dichlorobenzene	ND		ug/kg	7.1	0.52	1
1,4-Dichlorobenzene	ND		ug/kg	7.1	0.60	1
Methyl tert butyl ether	ND		ug/kg	7.1	0.71	1
p/m-Xylene	ND		ug/kg	7.1	2.0	1
o-Xylene	ND		ug/kg	3.5	1.0	1
Xylenes, Total	ND		ug/kg	3.5	1.0	1
cis-1,2-Dichloroethene	ND		ug/kg	3.5	0.62	1
1,2-Dichloroethene, Total	ND		ug/kg	3.5	0.48	1
Dibromomethane	ND		ug/kg	7.1	0.84	1
Styrene	ND		ug/kg	3.5	0.69	1
Dichlorodifluoromethane	ND		ug/kg	35	3.2	1
Acetone	330		ug/kg	35	17.	1
Carbon disulfide	ND		ug/kg	35	16.	1
2-Butanone	52		ug/kg	35	7.8	1
Vinyl acetate	ND		ug/kg	35	7.6	1
4-Methyl-2-pentanone	ND		ug/kg	35	4.5	1
1,2,3-Trichloropropane	ND		ug/kg	7.1	0.45	1
2-Hexanone	ND		ug/kg	35	4.2	1
Bromochloromethane	ND		ug/kg	7.1	0.72	1
2,2-Dichloropropane	ND		ug/kg	7.1	0.71	1
1,2-Dibromoethane	ND		ug/kg	3.5	0.99	1
1,3-Dichloropropane	ND		ug/kg	7.1	0.59	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.8	0.47	1
Bromobenzene	ND		ug/kg	7.1	0.51	1
n-Butylbenzene	ND		ug/kg	3.5	0.59	1
sec-Butylbenzene	ND		ug/kg	3.5	0.52	1
tert-Butylbenzene	ND		ug/kg	7.1	0.42	1
o-Chlorotoluene	ND		ug/kg	7.1	0.68	1
p-Chlorotoluene	ND		ug/kg	7.1	0.38	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	11	3.5	1
Hexachlorobutadiene	ND		ug/kg	14	0.60	1
Isopropylbenzene	ND		ug/kg	3.5	0.38	1
p-Isopropyltoluene	ND		ug/kg	3.5	0.38	1
Naphthalene	ND		ug/kg	14	2.3	1
Acrylonitrile	ND		ug/kg	14	4.1	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-09 R Date Collected: 10/09/18 14:20

Client ID: B-6 (9-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	3.5	0.60	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.1	1.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.1	0.96	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.1	0.68	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.1	1.2	1
1,4-Dioxane	ND		ug/kg	350	120	1
p-Diethylbenzene	ND		ug/kg	7.1	0.63	1
p-Ethyltoluene	ND		ug/kg	7.1	1.4	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	7.1	0.68	1
Ethyl ether	ND		ug/kg	7.1	1.2	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	18	5.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	101		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-10 Date Collected: 10/09/18 13:10
Client ID: GW-1 Date Received: 10/09/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/16/18 10:09
Analyst: PK

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: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-10 Date Collected: 10/09/18 13:10

Client ID: GW-1 Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	5.0		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: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-10 Date Collected: 10/09/18 13:10

Client ID: GW-1 Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	108		70-130
Toluene-d8	85		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	110		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-11 Date Collected: 10/09/18 13:45
Client ID: GW-2 Date Received: 10/09/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/16/18 10:34
Analyst: PK

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: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-11 Date Collected: 10/09/18 13:45

Client ID: GW-2 Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	1.6	J	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	4.1	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	0.72	J	ug/l	2.5	0.70	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-11 Date Collected: 10/09/18 13:45

Client ID: GW-2 Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	107		70-130
Toluene-d8	85		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	111		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-12 Date Collected: 10/09/18 00:00
Client ID: TB-1 Date Received: 10/09/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/16/18 10:59
Analyst: PK

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: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-12 Date Collected: 10/09/18 00:00

Client ID: TB-1 Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	2.0	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: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-12 Date Collected: 10/09/18 00:00

Client ID: TB-1 Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	109		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	113		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/16/18 08:29
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10-12 Batch: WG1168677-5					
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: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/16/18 08:29
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10-12 Batch: WG1168677-5					
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	ND		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: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/16/18 08:29
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10-12 Batch: WG1168677-5					
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	0.81	J	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	99		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	105		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 08:50
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06,08 Batch: WG1169179-5					
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.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 08:50
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06,08 Batch: WG1169179-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		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
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 08:50
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06,08 Batch: WG1169179-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	5000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	94		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 20:34
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-05,09 Batch: WG1169180-12					
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
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	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
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
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

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 20:34
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-05,09 Batch: WG1169180-12					
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
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
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
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 20:34
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-05,09 Batch: WG1169180-12					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	100	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	92		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 08:50
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03,05,07,09 Batch: WG1169180-5					
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
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	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
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
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

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 08:50
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03,05,07,09 Batch: WG1169180-5					
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
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
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
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 08:50
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03,05,07,09 Batch: WG1169180-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	100	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-12 Batch: WG1168677-3 WG1168677-4								
Methylene chloride	100		99		70-130	1		20
1,1-Dichloroethane	97		97		70-130	0		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	92		93		70-130	1		20
Dibromochloromethane	94		97		63-130	3		20
1,1,2-Trichloroethane	91		93		70-130	2		20
Tetrachloroethene	100		99		70-130	1		20
Chlorobenzene	96		96		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	86		87		70-130	1		20
cis-1,3-Dichloropropene	98		100		70-130	2		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	95		97		54-136	2		20
1,1,2,2-Tetrachloroethane	81		84		67-130	4		20
Benzene	100		100		70-130	0		20
Toluene	92		92		70-130	0		20
Ethylbenzene	94		93		70-130	1		20
Chloromethane	82		83		64-130	1		20
Bromomethane	130		130		39-139	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-12 Batch: WG1168677-3 WG1168677-4								
Vinyl chloride	94		95		55-140	1		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		98		70-130	2		20
1,3-Dichlorobenzene	100		98		70-130	2		20
1,4-Dichlorobenzene	98		95		70-130	3		20
Methyl tert butyl ether	110		120		63-130	9		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Dibromomethane	110		110		70-130	0		20
1,2,3-Trichloropropane	85		87		64-130	2		20
Acrylonitrile	92		100		70-130	8		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	92		93		36-147	1		20
Acetone	79		86		58-148	8		20
Carbon disulfide	95		94		51-130	1		20
2-Butanone	92		87		63-138	6		20
Vinyl acetate	82		84		70-130	2		20
4-Methyl-2-pentanone	66		74		59-130	11		20
2-Hexanone	61		65		57-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-12 Batch: WG1168677-3 WG1168677-4								
Bromochloromethane	120		120		70-130	0		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	97		100		70-130	3		20
1,3-Dichloropropane	89		93		70-130	4		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	89		87		53-136	2		20
sec-Butylbenzene	86		84		70-130	2		20
tert-Butylbenzene	95		93		70-130	2		20
o-Chlorotoluene	92		90		70-130	2		20
p-Chlorotoluene	96		94		70-130	2		20
1,2-Dibromo-3-chloropropane	87		92		41-144	6		20
Hexachlorobutadiene	110		100		63-130	10		20
Isopropylbenzene	97		95		70-130	2		20
p-Isopropyltoluene	90		88		70-130	2		20
Naphthalene	85		81		70-130	5		20
n-Propylbenzene	89		88		69-130	1		20
1,2,3-Trichlorobenzene	110		100		70-130	10		20
1,2,4-Trichlorobenzene	100		99		70-130	1		20
1,3,5-Trimethylbenzene	98		95		64-130	3		20
1,2,4-Trimethylbenzene	95		92		70-130	3		20
1,4-Dioxane	68		102		56-162	**40**	Q	20
p-Diethylbenzene	89		87		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-12 Batch: WG1168677-3 WG1168677-4								
p-Ethyltoluene	97		95		70-130	2		20
1,2,4,5-Tetramethylbenzene	94		90		70-130	4		20
Ethyl ether	120		130		59-134	8		20
trans-1,4-Dichloro-2-butene	**67**	Q	71		70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		102		70-130
Toluene-d8	87		87		70-130
4-Bromofluorobenzene	91		91		70-130
Dibromofluoromethane	105		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06,08 Batch: WG1169179-3 WG1169179-4								
Methylene chloride	97		95		70-130	2		30
1,1-Dichloroethane	103		101		70-130	2		30
Chloroform	95		93		70-130	2		30
Carbon tetrachloride	99		95		70-130	4		30
1,2-Dichloropropane	102		102		70-130	0		30
Dibromochloromethane	99		99		70-130	0		30
1,1,2-Trichloroethane	94		92		70-130	2		30
Tetrachloroethene	98		94		70-130	4		30
Chlorobenzene	100		98		70-130	2		30
Trichlorofluoromethane	96		92		70-139	4		30
1,2-Dichloroethane	100		101		70-130	1		30
1,1,1-Trichloroethane	99		96		70-130	3		30
Bromodichloromethane	92		93		70-130	1		30
trans-1,3-Dichloropropene	92		90		70-130	2		30
cis-1,3-Dichloropropene	90		88		70-130	2		30
1,1-Dichloropropene	90		88		70-130	2		30
Bromoform	98		95		70-130	3		30
1,1,2,2-Tetrachloroethane	97		98		70-130	1		30
Benzene	90		88		70-130	2		30
Toluene	94		91		70-130	3		30
Ethylbenzene	95		92		70-130	3		30
Chloromethane	**133**	Q	127		52-130	5		30
Bromomethane	106		98		57-147	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06,08 Batch: WG1169179-3 WG1169179-4								
Vinyl chloride	90		87		67-130	3		30
Chloroethane	75		73		50-151	3		30
1,1-Dichloroethene	104		99		65-135	5		30
trans-1,2-Dichloroethene	100		97		70-130	3		30
Trichloroethene	96		95		70-130	1		30
1,2-Dichlorobenzene	106		104		70-130	2		30
1,3-Dichlorobenzene	105		104		70-130	1		30
1,4-Dichlorobenzene	106		104		70-130	2		30
Methyl tert butyl ether	91		90		66-130	1		30
p/m-Xylene	98		96		70-130	2		30
o-Xylene	96		94		70-130	2		30
cis-1,2-Dichloroethene	99		96		70-130	3		30
Dibromomethane	96		96		70-130	0		30
Styrene	98		97		70-130	1		30
Dichlorodifluoromethane	103		100		30-146	3		30
Acetone	133		131		54-140	2		30
Carbon disulfide	87		84		59-130	4		30
2-Butanone	117		123		70-130	5		30
Vinyl acetate	110		111		70-130	1		30
4-Methyl-2-pentanone	108		110		70-130	2		30
1,2,3-Trichloropropane	96		94		68-130	2		30
2-Hexanone	115		115		70-130	0		30
Bromochloromethane	109		108		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06,08 Batch: WG1169179-3 WG1169179-4								
2,2-Dichloropropane	95		93		70-130	2		30
1,2-Dibromoethane	99		100		70-130	1		30
1,3-Dichloropropane	91		91		69-130	0		30
1,1,1,2-Tetrachloroethane	102		102		70-130	0		30
Bromobenzene	104		102		70-130	2		30
n-Butylbenzene	103		99		70-130	4		30
sec-Butylbenzene	106		103		70-130	3		30
tert-Butylbenzene	109		105		70-130	4		30
o-Chlorotoluene	100		98		70-130	2		30
p-Chlorotoluene	98		96		70-130	2		30
1,2-Dibromo-3-chloropropane	98		97		68-130	1		30
Hexachlorobutadiene	92		90		67-130	2		30
Isopropylbenzene	106		103		70-130	3		30
p-Isopropyltoluene	109		106		70-130	3		30
Naphthalene	110		110		70-130	0		30
Acrylonitrile	123		125		70-130	2		30
n-Propylbenzene	101		98		70-130	3		30
1,2,3-Trichlorobenzene	102		100		70-130	2		30
1,2,4-Trichlorobenzene	101		100		70-130	1		30
1,3,5-Trimethylbenzene	105		102		70-130	3		30
1,2,4-Trimethylbenzene	103		101		70-130	2		30
1,4-Dioxane	82		84		65-136	2		30
p-Diethylbenzene	100		97		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06,08 Batch: WG1169179-3 WG1169179-4								
p-Ethyltoluene	98		95		70-130	3		30
1,2,4,5-Tetramethylbenzene	98		96		70-130	2		30
Ethyl ether	92		92		67-130	0		30
trans-1,4-Dichloro-2-butene	114		113		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	95		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-05,09 Batch: WG1169180-10 WG1169180-11								
Methylene chloride	103		101		70-130	2		30
1,1-Dichloroethane	109		105		70-130	4		30
Chloroform	99		97		70-130	2		30
Carbon tetrachloride	108		103		70-130	5		30
1,2-Dichloropropane	106		104		70-130	2		30
Dibromochloromethane	103		101		70-130	2		30
1,1,2-Trichloroethane	96		94		70-130	2		30
Tetrachloroethene	103		100		70-130	3		30
Chlorobenzene	104		100		70-130	4		30
Trichlorofluoromethane	106		100		70-139	6		30
1,2-Dichloroethane	107		103		70-130	4		30
1,1,1-Trichloroethane	106		102		70-130	4		30
Bromodichloromethane	97		94		70-130	3		30
trans-1,3-Dichloropropene	94		91		70-130	3		30
cis-1,3-Dichloropropene	93		90		70-130	3		30
1,1-Dichloropropene	97		93		70-130	4		30
Bromoform	98		98		70-130	0		30
1,1,2,2-Tetrachloroethane	99		97		70-130	2		30
Benzene	94		91		70-130	3		30
Toluene	100		95		70-130	5		30
Ethylbenzene	100		96		70-130	4		30
Chloromethane	**141**	Q	**136**	Q	52-130	4		30
Bromomethane	113		105		57-147	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-05,09 Batch: WG1169180-10 WG1169180-11								
Vinyl chloride	94		92		67-130	2		30
Chloroethane	78		75		50-151	4		30
1,1-Dichloroethene	111		105		65-135	6		30
trans-1,2-Dichloroethene	107		102		70-130	5		30
Trichloroethene	102		98		70-130	4		30
1,2-Dichlorobenzene	108		106		70-130	2		30
1,3-Dichlorobenzene	108		105		70-130	3		30
1,4-Dichlorobenzene	109		106		70-130	3		30
Methyl tert butyl ether	93		89		66-130	4		30
p/m-Xylene	103		99		70-130	4		30
o-Xylene	100		96		70-130	4		30
cis-1,2-Dichloroethene	102		100		70-130	2		30
Dibromomethane	98		97		70-130	1		30
Styrene	102		99		70-130	3		30
Dichlorodifluoromethane	112		108		30-146	4		30
Acetone	135		130		54-140	4		30
Carbon disulfide	92		89		59-130	3		30
2-Butanone	**133**	Q	**131**	Q	70-130	2		30
Vinyl acetate	114		111		70-130	3		30
4-Methyl-2-pentanone	114		110		70-130	4		30
1,2,3-Trichloropropane	97		98		68-130	1		30
2-Hexanone	123		119		70-130	3		30
Bromochloromethane	112		108		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-05,09 Batch: WG1169180-10 WG1169180-11								
2,2-Dichloropropane	102		98		70-130	4		30
1,2-Dibromoethane	102		101		70-130	1		30
1,3-Dichloropropane	93		91		69-130	2		30
1,1,1,2-Tetrachloroethane	107		103		70-130	4		30
Bromobenzene	106		104		70-130	2		30
n-Butylbenzene	106		102		70-130	4		30
sec-Butylbenzene	110		108		70-130	2		30
tert-Butylbenzene	113		110		70-130	3		30
o-Chlorotoluene	118		116		70-130	2		30
p-Chlorotoluene	102		99		70-130	3		30
1,2-Dibromo-3-chloropropane	99		98		68-130	1		30
Hexachlorobutadiene	94		90		67-130	4		30
Isopropylbenzene	110		107		70-130	3		30
p-Isopropyltoluene	113		111		70-130	2		30
Naphthalene	112		111		70-130	1		30
Acrylonitrile	**134**	Q	129		70-130	4		30
n-Propylbenzene	105		102		70-130	3		30
1,2,3-Trichlorobenzene	101		100		70-130	1		30
1,2,4-Trichlorobenzene	103		99		70-130	4		30
1,3,5-Trimethylbenzene	108		105		70-130	3		30
1,2,4-Trimethylbenzene	106		104		70-130	2		30
1,4-Dioxane	88		89		65-136	1		30
p-Diethylbenzene	103		101		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-05,09 Batch: WG1169180-10 WG1169180-11								
p-Ethyltoluene	100		97		70-130	3		30
1,2,4,5-Tetramethylbenzene	100		98		70-130	2		30
Ethyl ether	94		90		67-130	4		30
trans-1,4-Dichloro-2-butene	119		119		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03,05,07,09 Batch: WG1169180-3 WG1169180-4								
Methylene chloride	97		95		70-130	2		30
1,1-Dichloroethane	103		101		70-130	2		30
Chloroform	95		93		70-130	2		30
Carbon tetrachloride	99		95		70-130	4		30
1,2-Dichloropropane	102		102		70-130	0		30
Dibromochloromethane	99		99		70-130	0		30
1,1,2-Trichloroethane	94		92		70-130	2		30
Tetrachloroethene	98		94		70-130	4		30
Chlorobenzene	100		98		70-130	2		30
Trichlorofluoromethane	96		92		70-139	4		30
1,2-Dichloroethane	100		101		70-130	1		30
1,1,1-Trichloroethane	99		96		70-130	3		30
Bromodichloromethane	92		93		70-130	1		30
trans-1,3-Dichloropropene	92		90		70-130	2		30
cis-1,3-Dichloropropene	90		88		70-130	2		30
1,1-Dichloropropene	90		88		70-130	2		30
Bromoform	98		95		70-130	3		30
1,1,2,2-Tetrachloroethane	97		98		70-130	1		30
Benzene	90		88		70-130	2		30
Toluene	94		91		70-130	3		30
Ethylbenzene	95		92		70-130	3		30
Chloromethane	**133**	Q	127		52-130	5		30
Bromomethane	106		98		57-147	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab	Associated sample(s): 01-03,05,07,09		Batch: WG1169180-3 WG1169180-4					
Vinyl chloride	90		87		67-130	3		30
Chloroethane	75		73		50-151	3		30
1,1-Dichloroethene	104		99		65-135	5		30
trans-1,2-Dichloroethene	100		97		70-130	3		30
Trichloroethene	96		95		70-130	1		30
1,2-Dichlorobenzene	106		104		70-130	2		30
1,3-Dichlorobenzene	105		104		70-130	1		30
1,4-Dichlorobenzene	106		104		70-130	2		30
Methyl tert butyl ether	91		90		66-130	1		30
p/m-Xylene	98		96		70-130	2		30
o-Xylene	96		94		70-130	2		30
cis-1,2-Dichloroethene	99		96		70-130	3		30
Dibromomethane	96		96		70-130	0		30
Styrene	98		97		70-130	1		30
Dichlorodifluoromethane	103		100		30-146	3		30
Acetone	133		131		54-140	2		30
Carbon disulfide	87		84		59-130	4		30
2-Butanone	117		123		70-130	5		30
Vinyl acetate	110		111		70-130	1		30
4-Methyl-2-pentanone	108		110		70-130	2		30
1,2,3-Trichloropropane	96		94		68-130	2		30
2-Hexanone	115		115		70-130	0		30
Bromochloromethane	109		108		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03,05,07,09 Batch: WG1169180-3 WG1169180-4								
2,2-Dichloropropane	95		93		70-130	2		30
1,2-Dibromoethane	99		100		70-130	1		30
1,3-Dichloropropane	91		91		69-130	0		30
1,1,1,2-Tetrachloroethane	102		102		70-130	0		30
Bromobenzene	104		102		70-130	2		30
n-Butylbenzene	103		99		70-130	4		30
sec-Butylbenzene	106		103		70-130	3		30
tert-Butylbenzene	109		105		70-130	4		30
o-Chlorotoluene	100		98		70-130	2		30
p-Chlorotoluene	98		96		70-130	2		30
1,2-Dibromo-3-chloropropane	98		97		68-130	1		30
Hexachlorobutadiene	92		90		67-130	2		30
Isopropylbenzene	106		103		70-130	3		30
p-Isopropyltoluene	109		106		70-130	3		30
Naphthalene	110		110		70-130	0		30
Acrylonitrile	123		125		70-130	2		30
n-Propylbenzene	101		98		70-130	3		30
1,2,3-Trichlorobenzene	102		100		70-130	2		30
1,2,4-Trichlorobenzene	101		100		70-130	1		30
1,3,5-Trimethylbenzene	105		102		70-130	3		30
1,2,4-Trimethylbenzene	103		101		70-130	2		30
1,4-Dioxane	82		84		65-136	2		30
p-Diethylbenzene	100		97		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03,05,07,09 Batch: WG1169180-3 WG1169180-4								
p-Ethyltoluene	98		95		70-130	3		30
1,2,4,5-Tetramethylbenzene	98		96		70-130	2		30
Ethyl ether	92		92		67-130	0		30
trans-1,4-Dichloro-2-butene	114		113		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	95		97		70-130

SEMIVOLATILES

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-01
Client ID: B-1 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 08:35
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/17/18 02:54
Analyst: RC
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 16:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	130		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	40	J	ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-01 Date Collected: 10/09/18 08:35

Client ID: B-1 (0-2) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	110	J	ug/kg	120	22.	1
Benzo(a)pyrene	94	J	ug/kg	160	47.	1
Benzo(b)fluoranthene	120		ug/kg	120	33.	1
Benzo(k)fluoranthene	39	J	ug/kg	120	31.	1
Chrysene	120		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	54	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	71	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	55	J	ug/kg	160	27.	1
Pyrene	170		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	18	J	ug/kg	190	18.	1
2-Methylnaphthalene	29	J	ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	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: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-01 Date Collected: 10/09/18 08:35

Client ID: B-1 (0-2) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	ND		ug/kg	190	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	65		18-120

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-02
Client ID: B-1 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 08:45
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/17/18 03:19
Analyst: RC
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 16:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1200		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	17000	E	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	380		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-02 Date Collected: 10/09/18 08:45

Client ID: B-1 (8-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	8800	E	ug/kg	120	22.	1
Benzo(a)pyrene	9200	E	ug/kg	160	49.	1
Benzo(b)fluoranthene	12000	E	ug/kg	120	34.	1
Benzo(k)fluoranthene	3400		ug/kg	120	32.	1
Chrysene	7700		ug/kg	120	21.	1
Acenaphthylene	330		ug/kg	160	31.	1
Anthracene	4300		ug/kg	120	39.	1
Benzo(ghi)perylene	5000		ug/kg	160	24.	1
Fluorene	1300		ug/kg	200	19.	1
Phenanthrene	11000	E	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	1200		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	5900		ug/kg	160	28.	1
Pyrene	15000	E	ug/kg	120	20.	1
Biphenyl	54	J	ug/kg	460	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	520		ug/kg	200	19.	1
2-Methylnaphthalene	140	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	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	47	J	ug/kg	290	31.	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-02 Date Collected: 10/09/18 08:45

Client ID: B-1 (8-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	420		ug/kg	200	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	56		18-120

Project Name: ALEXANDER ST.
Lab Number: L1840781
Project Number: 25720.00
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-02 D
Client ID: B-1 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 08:45
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/18/18 11:22
Analyst: SZ
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 16:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	15000		ug/kg	600	120	5
Benzo(a)anthracene	5900		ug/kg	600	110	5
Benzo(a)pyrene	5300		ug/kg	800	240	5
Benzo(b)fluoranthene	6700		ug/kg	600	170	5
Phenanthrene	8800		ug/kg	600	120	5
Pyrene	13000		ug/kg	600	100	5

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-03
Client ID: B-2 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:45
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/17/18 03:45
Analyst: RC
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 16:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	200		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	2300		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	92	J	ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	120	J	ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-03 Date Collected: 10/09/18 09:45

Client ID: B-2 (0-2) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	1100		ug/kg	120	23.	1
Benzo(a)pyrene	890		ug/kg	160	50.	1
Benzo(b)fluoranthene	1300		ug/kg	120	34.	1
Benzo(k)fluoranthene	420		ug/kg	120	33.	1
Chrysene	1100		ug/kg	120	21.	1
Acenaphthylene	250		ug/kg	160	31.	1
Anthracene	660		ug/kg	120	40.	1
Benzo(ghi)perylene	480		ug/kg	160	24.	1
Fluorene	280		ug/kg	200	20.	1
Phenanthrene	1500		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	130		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	570		ug/kg	160	28.	1
Pyrene	1900		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	120	J	ug/kg	200	19.	1
2-Methylnaphthalene	79	J	ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-03 Date Collected: 10/09/18 09:45

Client ID: B-2 (0-2) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	94	J	ug/kg	200	20.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	46		18-120

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-04
Client ID: B-2 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:50
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/17/18 04:10
Analyst: RC
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 16:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	6500		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	28000	E	ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	2800		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-04 Date Collected: 10/09/18 09:50

Client ID: B-2 (8-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	16000	E	ug/kg	130	24.	1
Benzo(a)pyrene	13000	E	ug/kg	170	52.	1
Benzo(b)fluoranthene	17000	E	ug/kg	130	36.	1
Benzo(k)fluoranthene	4700		ug/kg	130	34.	1
Chrysene	14000	E	ug/kg	130	22.	1
Acenaphthylene	600		ug/kg	170	33.	1
Anthracene	12000	E	ug/kg	130	41.	1
Benzo(ghi)perylene	7000		ug/kg	170	25.	1
Fluorene	7000		ug/kg	210	21.	1
Phenanthrene	34000	E	ug/kg	130	26.	1
Dibenzo(a,h)anthracene	1900		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	8200		ug/kg	170	30.	1
Pyrene	26000	E	ug/kg	130	21.	1
Biphenyl	680		ug/kg	480	49.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	3100		ug/kg	210	20.	1
2-Methylnaphthalene	3100		ug/kg	250	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	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	ND		ug/kg	300	33.	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-04 Date Collected: 10/09/18 09:50

Client ID: B-2 (8-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Benzoic Acid	ND		ug/kg	690	210	1
Benzyl Alcohol	ND		ug/kg	210	65.	1
Carbazole	4500		ug/kg	210	21.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	71		18-120

Project Name: ALEXANDER ST.
Lab Number: L1840781
Project Number: 25720.00
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-04 D
Client ID: B-2 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:50
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/18/18 11:47
Analyst: SZ
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 16:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	40000		ug/kg	1300	240	10
Benzo(a)anthracene	16000		ug/kg	1300	240	10
Benzo(a)pyrene	11000		ug/kg	1700	520	10
Benzo(b)fluoranthene	15000		ug/kg	1300	360	10
Chrysene	15000		ug/kg	1300	220	10
Anthracene	14000		ug/kg	1300	410	10
Phenanthrene	56000		ug/kg	1300	260	10
Pyrene	36000		ug/kg	1300	210	10

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-05
Client ID: B-3 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:55
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/17/18 04:35
Analyst: RC
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 16:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	1600		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	390		ug/kg	190	34.	1
1,3-Dichlorobenzene	1800		ug/kg	190	32.	1
1,4-Dichlorobenzene	14000	E	ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	3500		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	300		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-05 Date Collected: 10/09/18 09:55

Client ID: B-3 (0-2) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	2200		ug/kg	110	21.	1
Benzo(a)pyrene	2200		ug/kg	150	46.	1
Benzo(b)fluoranthene	3100		ug/kg	110	32.	1
Benzo(k)fluoranthene	910		ug/kg	110	30.	1
Chrysene	2000		ug/kg	110	20.	1
Acenaphthylene	510		ug/kg	150	29.	1
Anthracene	700		ug/kg	110	37.	1
Benzo(ghi)perylene	1300		ug/kg	150	22.	1
Fluorene	160	J	ug/kg	190	18.	1
Phenanthrene	1500		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	350		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1500		ug/kg	150	26.	1
Pyrene	3300		ug/kg	110	19.	1
Biphenyl	52	J	ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	140	J	ug/kg	190	18.	1
2-Methylnaphthalene	260		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	96	J	ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	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	38	J	ug/kg	270	30.	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-05 Date Collected: 10/09/18 09:55

Client ID: B-3 (0-2) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	160	J	ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	61		18-120

Project Name: ALEXANDER ST.
Lab Number: L1840781
Project Number: 25720.00
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-05 D
Client ID: B-3 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:55
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/18/18 12:12
Analyst: SZ
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 16:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	14000		ug/kg	940	160	5

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-06
Client ID: B-3 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 10:07
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/17/18 02:04
Analyst: RC
Percent Solids: 66%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 16:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	350		ug/kg	200	26.	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	29.	1
Hexachlorobenzene	ND		ug/kg	150	28.	1
Bis(2-chloroethyl)ether	ND		ug/kg	220	34.	1
2-Chloronaphthalene	ND		ug/kg	250	25.	1
1,2-Dichlorobenzene	ND		ug/kg	250	45.	1
1,3-Dichlorobenzene	ND		ug/kg	250	43.	1
1,4-Dichlorobenzene	ND		ug/kg	250	44.	1
3,3'-Dichlorobenzidine	ND		ug/kg	250	67.	1
2,4-Dinitrotoluene	ND		ug/kg	250	50.	1
2,6-Dinitrotoluene	ND		ug/kg	250	43.	1
Fluoranthene	1700		ug/kg	150	29.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	250	27.	1
4-Bromophenyl phenyl ether	ND		ug/kg	250	38.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	300	43.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	270	25.	1
Hexachlorobutadiene	ND		ug/kg	250	37.	1
Hexachlorocyclopentadiene	ND		ug/kg	720	230	1
Hexachloroethane	ND		ug/kg	200	40.	1
Isophorone	ND		ug/kg	220	32.	1
Naphthalene	510		ug/kg	250	30.	1
Nitrobenzene	ND		ug/kg	220	37.	1
NDPA/DPA	ND		ug/kg	200	28.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	250	39.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	250	87.	1
Butyl benzyl phthalate	ND		ug/kg	250	63.	1
Di-n-butylphthalate	ND		ug/kg	250	48.	1
Di-n-octylphthalate	ND		ug/kg	250	85.	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-06 Date Collected: 10/09/18 10:07

Client ID: B-3 (8-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	250	23.	1
Dimethyl phthalate	ND		ug/kg	250	53.	1
Benzo(a)anthracene	800		ug/kg	150	28.	1
Benzo(a)pyrene	880		ug/kg	200	61.	1
Benzo(b)fluoranthene	950		ug/kg	150	42.	1
Benzo(k)fluoranthene	290		ug/kg	150	40.	1
Chrysene	730		ug/kg	150	26.	1
Acenaphthylene	ND		ug/kg	200	39.	1
Anthracene	400		ug/kg	150	49.	1
Benzo(ghi)perylene	520		ug/kg	200	29.	1
Fluorene	280		ug/kg	250	24.	1
Phenanthrene	1700		ug/kg	150	30.	1
Dibenzo(a,h)anthracene	110	J	ug/kg	150	29.	1
Indeno(1,2,3-cd)pyrene	520		ug/kg	200	35.	1
Pyrene	1800		ug/kg	150	25.	1
Biphenyl	62	J	ug/kg	570	58.	1
4-Chloroaniline	ND		ug/kg	250	46.	1
2-Nitroaniline	ND		ug/kg	250	48.	1
3-Nitroaniline	ND		ug/kg	250	47.	1
4-Nitroaniline	ND		ug/kg	250	100	1
Dibenzofuran	140	J	ug/kg	250	24.	1
2-Methylnaphthalene	180	J	ug/kg	300	30.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	250	26.	1
Acetophenone	ND		ug/kg	250	31.	1
2,4,6-Trichlorophenol	ND		ug/kg	150	48.	1
p-Chloro-m-cresol	ND		ug/kg	250	37.	1
2-Chlorophenol	ND		ug/kg	250	30.	1
2,4-Dichlorophenol	ND		ug/kg	220	40.	1
2,4-Dimethylphenol	ND		ug/kg	250	83.	1
2-Nitrophenol	ND		ug/kg	540	94.	1
4-Nitrophenol	ND		ug/kg	350	100	1
2,4-Dinitrophenol	ND		ug/kg	1200	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	650	120	1
Pentachlorophenol	ND		ug/kg	200	55.	1
Phenol	170	J	ug/kg	250	38.	1
2-Methylphenol	ND		ug/kg	250	39.	1
3-Methylphenol/4-Methylphenol	4700		ug/kg	360	39.	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-06 Date Collected: 10/09/18 10:07

Client ID: B-3 (8-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	250	48.	1
Benzoic Acid	ND		ug/kg	810	250	1
Benzyl Alcohol	ND		ug/kg	250	77.	1
Carbazole	160	J	ug/kg	250	24.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	55		18-120

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-07 D
Client ID: B-4 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 11:30
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/18/18 12:38
Analyst: SZ
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 16:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	9300		ug/kg	7500	970	50
1,2,4-Trichlorobenzene	ND		ug/kg	9400	1100	50
Hexachlorobenzene	ND		ug/kg	5600	1000	50
Bis(2-chloroethyl)ether	ND		ug/kg	8400	1300	50
2-Chloronaphthalene	ND		ug/kg	9400	930	50
1,2-Dichlorobenzene	ND		ug/kg	9400	1700	50
1,3-Dichlorobenzene	ND		ug/kg	9400	1600	50
1,4-Dichlorobenzene	ND		ug/kg	9400	1600	50
3,3'-Dichlorobenzidine	ND		ug/kg	9400	2500	50
2,4-Dinitrotoluene	ND		ug/kg	9400	1900	50
2,6-Dinitrotoluene	ND		ug/kg	9400	1600	50
Fluoranthene	94000		ug/kg	5600	1100	50
4-Chlorophenyl phenyl ether	ND		ug/kg	9400	1000	50
4-Bromophenyl phenyl ether	ND		ug/kg	9400	1400	50
Bis(2-chloroisopropyl)ether	ND		ug/kg	11000	1600	50
Bis(2-chloroethoxy)methane	ND		ug/kg	10000	940	50
Hexachlorobutadiene	ND		ug/kg	9400	1400	50
Hexachlorocyclopentadiene	ND		ug/kg	27000	8500	50
Hexachloroethane	ND		ug/kg	7500	1500	50
Isophorone	ND		ug/kg	8400	1200	50
Naphthalene	86000		ug/kg	9400	1100	50
Nitrobenzene	ND		ug/kg	8400	1400	50
NDPA/DPA	ND		ug/kg	7500	1100	50
n-Nitrosodi-n-propylamine	ND		ug/kg	9400	1400	50
Bis(2-ethylhexyl)phthalate	ND		ug/kg	9400	3200	50
Butyl benzyl phthalate	ND		ug/kg	9400	2400	50
Di-n-butylphthalate	ND		ug/kg	9400	1800	50
Di-n-octylphthalate	ND		ug/kg	9400	3200	50

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-07 D Date Collected: 10/09/18 11:30

Client ID: B-4 (9-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	9400	870	50
Dimethyl phthalate	ND		ug/kg	9400	2000	50
Benzo(a)anthracene	51000		ug/kg	5600	1000	50
Benzo(a)pyrene	29000		ug/kg	7500	2300	50
Benzo(b)fluoranthene	30000		ug/kg	5600	1600	50
Benzo(k)fluoranthene	8500		ug/kg	5600	1500	50
Chrysene	51000		ug/kg	5600	980	50
Acenaphthylene	42000		ug/kg	7500	1400	50
Anthracene	66000		ug/kg	5600	1800	50
Benzo(ghi)perylene	12000		ug/kg	7500	1100	50
Fluorene	57000		ug/kg	9400	910	50
Phenanthrene	260000		ug/kg	5600	1100	50
Dibenzo(a,h)anthracene	2900	J	ug/kg	5600	1100	50
Indeno(1,2,3-cd)pyrene	10000		ug/kg	7500	1300	50
Pyrene	140000		ug/kg	5600	930	50
Biphenyl	14000	J	ug/kg	21000	2200	50
4-Chloroaniline	ND		ug/kg	9400	1700	50
2-Nitroaniline	ND		ug/kg	9400	1800	50
3-Nitroaniline	ND		ug/kg	9400	1800	50
4-Nitroaniline	ND		ug/kg	9400	3900	50
Dibenzofuran	6500	J	ug/kg	9400	890	50
2-Methylnaphthalene	110000		ug/kg	11000	1100	50
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	9400	980	50
Acetophenone	ND		ug/kg	9400	1200	50
2,4,6-Trichlorophenol	ND		ug/kg	5600	1800	50
p-Chloro-m-cresol	ND		ug/kg	9400	1400	50
2-Chlorophenol	ND		ug/kg	9400	1100	50
2,4-Dichlorophenol	ND		ug/kg	8400	1500	50
2,4-Dimethylphenol	ND		ug/kg	9400	3100	50
2-Nitrophenol	ND		ug/kg	20000	3500	50
4-Nitrophenol	ND		ug/kg	13000	3800	50
2,4-Dinitrophenol	ND		ug/kg	45000	4400	50
4,6-Dinitro-o-cresol	ND		ug/kg	24000	4500	50
Pentachlorophenol	ND		ug/kg	7500	2100	50
Phenol	ND		ug/kg	9400	1400	50
2-Methylphenol	ND		ug/kg	9400	1400	50
3-Methylphenol/4-Methylphenol	ND		ug/kg	14000	1500	50

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-07 D
Client ID: B-4 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 11:30
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	9400	1800	50
Benzoic Acid	ND		ug/kg	30000	9500	50
Benzyl Alcohol	ND		ug/kg	9400	2900	50
Carbazole	2500	J	ug/kg	9400	910	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-08 D
Client ID: B-5 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 12:40
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/18/18 13:03
Analyst: SZ
Percent Solids: 65%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 16:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	6300		ug/kg	5100	660	25
1,2,4-Trichlorobenzene	ND		ug/kg	6400	730	25
Hexachlorobenzene	ND		ug/kg	3800	720	25
Bis(2-chloroethyl)ether	ND		ug/kg	5800	870	25
2-Chloronaphthalene	ND		ug/kg	6400	640	25
1,2-Dichlorobenzene	ND		ug/kg	6400	1200	25
1,3-Dichlorobenzene	ND		ug/kg	6400	1100	25
1,4-Dichlorobenzene	ND		ug/kg	6400	1100	25
3,3'-Dichlorobenzidine	ND		ug/kg	6400	1700	25
2,4-Dinitrotoluene	ND		ug/kg	6400	1300	25
2,6-Dinitrotoluene	ND		ug/kg	6400	1100	25
Fluoranthene	2200	J	ug/kg	3800	740	25
4-Chlorophenyl phenyl ether	ND		ug/kg	6400	690	25
4-Bromophenyl phenyl ether	ND		ug/kg	6400	980	25
Bis(2-chloroisopropyl)ether	ND		ug/kg	7700	1100	25
Bis(2-chloroethoxy)methane	ND		ug/kg	6900	640	25
Hexachlorobutadiene	ND		ug/kg	6400	940	25
Hexachlorocyclopentadiene	ND		ug/kg	18000	5800	25
Hexachloroethane	ND		ug/kg	5100	1000	25
Isophorone	ND		ug/kg	5800	830	25
Naphthalene	3600	J	ug/kg	6400	780	25
Nitrobenzene	ND		ug/kg	5800	950	25
NDPA/DPA	ND		ug/kg	5100	730	25
n-Nitrosodi-n-propylamine	ND		ug/kg	6400	990	25
Bis(2-ethylhexyl)phthalate	ND		ug/kg	6400	2200	25
Butyl benzyl phthalate	ND		ug/kg	6400	1600	25
Di-n-butylphthalate	ND		ug/kg	6400	1200	25
Di-n-octylphthalate	ND		ug/kg	6400	2200	25

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-08 D Date Collected: 10/09/18 12:40

Client ID: B-5 (9-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	6400	590	25
Dimethyl phthalate	ND		ug/kg	6400	1300	25
Benzo(a)anthracene	790	J	ug/kg	3800	720	25
Benzo(a)pyrene	ND		ug/kg	5100	1600	25
Benzo(b)fluoranthene	ND		ug/kg	3800	1100	25
Benzo(k)fluoranthene	ND		ug/kg	3800	1000	25
Chrysene	710	J	ug/kg	3800	670	25
Acenaphthylene	ND		ug/kg	5100	990	25
Anthracene	3400	J	ug/kg	3800	1200	25
Benzo(ghi)perylene	ND		ug/kg	5100	750	25
Fluorene	12000		ug/kg	6400	620	25
Phenanthrene	11000		ug/kg	3800	780	25
Dibenzo(a,h)anthracene	ND		ug/kg	3800	740	25
Indeno(1,2,3-cd)pyrene	ND		ug/kg	5100	890	25
Pyrene	4300		ug/kg	3800	640	25
Biphenyl	ND		ug/kg	15000	1500	25
4-Chloroaniline	ND		ug/kg	6400	1200	25
2-Nitroaniline	ND		ug/kg	6400	1200	25
3-Nitroaniline	ND		ug/kg	6400	1200	25
4-Nitroaniline	ND		ug/kg	6400	2600	25
Dibenzofuran	ND		ug/kg	6400	610	25
2-Methylnaphthalene	ND		ug/kg	7700	780	25
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	6400	670	25
Acetophenone	ND		ug/kg	6400	790	25
2,4,6-Trichlorophenol	ND		ug/kg	3800	1200	25
p-Chloro-m-cresol	ND		ug/kg	6400	960	25
2-Chlorophenol	ND		ug/kg	6400	760	25
2,4-Dichlorophenol	ND		ug/kg	5800	1000	25
2,4-Dimethylphenol	ND		ug/kg	6400	2100	25
2-Nitrophenol	ND		ug/kg	14000	2400	25
4-Nitrophenol	ND		ug/kg	9000	2600	25
2,4-Dinitrophenol	ND		ug/kg	31000	3000	25
4,6-Dinitro-o-cresol	ND		ug/kg	17000	3100	25
Pentachlorophenol	ND		ug/kg	5100	1400	25
Phenol	ND		ug/kg	6400	970	25
2-Methylphenol	ND		ug/kg	6400	990	25
3-Methylphenol/4-Methylphenol	ND		ug/kg	9200	1000	25

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-08 D Date Collected: 10/09/18 12:40

Client ID: B-5 (9-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	6400	1200	25
Benzoic Acid	ND		ug/kg	21000	6500	25
Benzyl Alcohol	ND		ug/kg	6400	2000	25
Carbazole	ND		ug/kg	6400	620	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-09
Client ID: B-6 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 14:20
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/17/18 01:13
Analyst: RC
Percent Solids: 61%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 16:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	36	J	ug/kg	220	28.	1
1,2,4-Trichlorobenzene	ND		ug/kg	270	31.	1
Hexachlorobenzene	ND		ug/kg	160	30.	1
Bis(2-chloroethyl)ether	ND		ug/kg	240	37.	1
2-Chloronaphthalene	ND		ug/kg	270	27.	1
1,2-Dichlorobenzene	ND		ug/kg	270	49.	1
1,3-Dichlorobenzene	ND		ug/kg	270	46.	1
1,4-Dichlorobenzene	ND		ug/kg	270	47.	1
3,3'-Dichlorobenzidine	ND		ug/kg	270	72.	1
2,4-Dinitrotoluene	ND		ug/kg	270	54.	1
2,6-Dinitrotoluene	ND		ug/kg	270	46.	1
Fluoranthene	550		ug/kg	160	31.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	270	29.	1
4-Bromophenyl phenyl ether	ND		ug/kg	270	41.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	320	46.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	290	27.	1
Hexachlorobutadiene	ND		ug/kg	270	40.	1
Hexachlorocyclopentadiene	ND		ug/kg	770	240	1
Hexachloroethane	ND		ug/kg	220	44.	1
Isophorone	ND		ug/kg	240	35.	1
Naphthalene	52	J	ug/kg	270	33.	1
Nitrobenzene	ND		ug/kg	240	40.	1
NDPA/DPA	ND		ug/kg	220	31.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	270	42.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	270	94.	1
Butyl benzyl phthalate	ND		ug/kg	270	68.	1
Di-n-butylphthalate	ND		ug/kg	270	51.	1
Di-n-octylphthalate	ND		ug/kg	270	92.	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-09 Date Collected: 10/09/18 14:20

Client ID: B-6 (9-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	270	25.	1
Dimethyl phthalate	ND		ug/kg	270	57.	1
Benzo(a)anthracene	220		ug/kg	160	30.	1
Benzo(a)pyrene	240		ug/kg	220	66.	1
Benzo(b)fluoranthene	300		ug/kg	160	46.	1
Benzo(k)fluoranthene	110	J	ug/kg	160	43.	1
Chrysene	240		ug/kg	160	28.	1
Acenaphthylene	ND		ug/kg	220	42.	1
Anthracene	65	J	ug/kg	160	53.	1
Benzo(ghi)perylene	150	J	ug/kg	220	32.	1
Fluorene	44	J	ug/kg	270	26.	1
Phenanthrene	400		ug/kg	160	33.	1
Dibenzo(a,h)anthracene	34	J	ug/kg	160	31.	1
Indeno(1,2,3-cd)pyrene	170	J	ug/kg	220	38.	1
Pyrene	480		ug/kg	160	27.	1
Biphenyl	ND		ug/kg	620	63.	1
4-Chloroaniline	ND		ug/kg	270	49.	1
2-Nitroaniline	ND		ug/kg	270	52.	1
3-Nitroaniline	ND		ug/kg	270	51.	1
4-Nitroaniline	ND		ug/kg	270	110	1
Dibenzofuran	ND		ug/kg	270	26.	1
2-Methylnaphthalene	ND		ug/kg	320	33.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	270	28.	1
Acetophenone	ND		ug/kg	270	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	160	51.	1
p-Chloro-m-cresol	ND		ug/kg	270	40.	1
2-Chlorophenol	ND		ug/kg	270	32.	1
2,4-Dichlorophenol	ND		ug/kg	240	44.	1
2,4-Dimethylphenol	ND		ug/kg	270	89.	1
2-Nitrophenol	ND		ug/kg	580	100	1
4-Nitrophenol	ND		ug/kg	380	110	1
2,4-Dinitrophenol	ND		ug/kg	1300	130	1
4,6-Dinitro-o-cresol	ND		ug/kg	700	130	1
Pentachlorophenol	ND		ug/kg	220	60.	1
Phenol	48	J	ug/kg	270	41.	1
2-Methylphenol	ND		ug/kg	270	42.	1
3-Methylphenol/4-Methylphenol	570		ug/kg	390	42.	1

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-09 Date Collected: 10/09/18 14:20

Client ID: B-6 (9-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	270	52.	1
Benzoic Acid	ND		ug/kg	880	270	1
Benzyl Alcohol	ND		ug/kg	270	83.	1
Carbazole	32	J	ug/kg	270	26.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	52		18-120

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-10
Client ID: GW-1
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 13:10
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/18/18 16:24
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 01:32

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: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-10 Date Collected: 10/09/18 13:10

Client ID: GW-1 Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	9.1	J	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	54		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	29		10-120
4-Terphenyl-d14	74		41-149

Project Name: ALEXANDER ST.
Lab Number: L1840781
Project Number: 25720.00
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-10
Client ID: GW-1
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 13:10
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/22/18 12:14
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 01:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.75		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	1.4		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	0.64		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.60		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	1.2		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.42		ug/l	0.10	0.01	1
Chrysene	0.58		ug/l	0.10	0.01	1
Acenaphthylene	0.06	J	ug/l	0.10	0.01	1
Anthracene	0.20		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.52		ug/l	0.10	0.01	1
Fluorene	0.30		ug/l	0.10	0.01	1
Phenanthrene	0.88		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.11		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.58		ug/l	0.10	0.01	1
Pyrene	1.2		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.07	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: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-10 Date Collected: 10/09/18 13:10

Client ID: GW-1 Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	28		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	14		10-120
4-Terphenyl-d14	83		41-149

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-11
Client ID: GW-2
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 13:45
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/18/18 16:52
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 01:32

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: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-11 Date Collected: 10/09/18 13:45

Client ID: GW-2 Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	45		21-120
Phenol-d6	65		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	17		10-120
4-Terphenyl-d14	72		41-149

Project Name: ALEXANDER ST.
Lab Number: L1840781
Project Number: 25720.00
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-11
Client ID: GW-2
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 13:45
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/22/18 12:40
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 01:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.0		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.72		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.43		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.28		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.25		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.46		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.17		ug/l	0.10	0.01	1
Chrysene	0.25		ug/l	0.10	0.01	1
Acenaphthylene	0.14		ug/l	0.10	0.01	1
Anthracene	0.17		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.18		ug/l	0.10	0.01	1
Fluorene	0.69		ug/l	0.10	0.01	1
Phenanthrene	1.1		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.22		ug/l	0.10	0.01	1
Pyrene	0.58		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.20		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: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-11 Date Collected: 10/09/18 13:45

Client ID: GW-2 Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	26		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	90		15-120
2,4,6-Tribromophenol	10		10-120
4-Terphenyl-d14	88		41-149

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/16/18 00:10
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 10/14/18 16:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1167947-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/16/18 00:10
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 10/14/18 16:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1167947-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
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	25.
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.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1840781
Report Date: 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/16/18 00:10
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 10/14/18 16:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1167947-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
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.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	78		18-120

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/17/18 17:50
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 01:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG1167997-1					
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: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/17/18 17:50
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 01:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG1167997-1					
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: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/17/18 17:50
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 01:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG1167997-1					
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	63		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	64		41-149

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/22/18 10:55
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 01:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 10-11 Batch: WG1167998-1					
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	0.03	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: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/22/18 10:55
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 01:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 10-11 Batch: WG1167998-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	80		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1167947-2 WG1167947-3								
Acenaphthene	87		87		31-137	0		50
1,2,4-Trichlorobenzene	85		86		38-107	1		50
Hexachlorobenzene	82		79		40-140	4		50
Bis(2-chloroethyl)ether	92		93		40-140	1		50
2-Chloronaphthalene	86		84		40-140	2		50
1,2-Dichlorobenzene	86		88		40-140	2		50
1,3-Dichlorobenzene	82		84		40-140	2		50
1,4-Dichlorobenzene	83		85		28-104	2		50
3,3'-Dichlorobenzidine	59		62		40-140	5		50
2,4-Dinitrotoluene	89		86		40-132	3		50
2,6-Dinitrotoluene	86		82		40-140	5		50
Fluoranthene	88		84		40-140	5		50
4-Chlorophenyl phenyl ether	88		85		40-140	3		50
4-Bromophenyl phenyl ether	86		84		40-140	2		50
Bis(2-chloroisopropyl)ether	122		122		40-140	0		50
Bis(2-chloroethoxy)methane	91		90		40-117	1		50
Hexachlorobutadiene	83		84		40-140	1		50
Hexachlorocyclopentadiene	90		90		40-140	0		50
Hexachloroethane	87		87		40-140	0		50
Isophorone	90		90		40-140	0		50
Naphthalene	87		87		40-140	0		50
Nitrobenzene	90		91		40-140	1		50
NDPA/DPA	88		86		36-157	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1167947-2 WG1167947-3								
n-Nitrosodi-n-propylamine	91		92		32-121	1		50
Bis(2-ethylhexyl)phthalate	98		96		40-140	2		50
Butyl benzyl phthalate	96		90		40-140	6		50
Di-n-butylphthalate	93		90		40-140	3		50
Di-n-octylphthalate	96		94		40-140	2		50
Diethyl phthalate	88		86		40-140	2		50
Dimethyl phthalate	87		84		40-140	4		50
Benzo(a)anthracene	89		86		40-140	3		50
Benzo(a)pyrene	87		83		40-140	5		50
Benzo(b)fluoranthene	86		81		40-140	6		50
Benzo(k)fluoranthene	85		85		40-140	0		50
Chrysene	88		86		40-140	2		50
Acenaphthylene	87		86		40-140	1		50
Anthracene	90		87		40-140	3		50
Benzo(ghi)perylene	85		83		40-140	2		50
Fluorene	85		83		40-140	2		50
Phenanthrene	89		86		40-140	3		50
Dibenzo(a,h)anthracene	87		85		40-140	2		50
Indeno(1,2,3-cd)pyrene	82		79		40-140	4		50
Pyrene	89		84		35-142	6		50
Biphenyl	89		88		54-104	1		50
4-Chloroaniline	96		94		40-140	2		50
2-Nitroaniline	88		85		47-134	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1167947-2 WG1167947-3								
3-Nitroaniline	71		69		26-129	3		50
4-Nitroaniline	86		83		41-125	4		50
Dibenzofuran	87		85		40-140	2		50
2-Methylnaphthalene	86		86		40-140	0		50
1,2,4,5-Tetrachlorobenzene	86		85		40-117	1		50
Acetophenone	88		89		14-144	1		50
2,4,6-Trichlorophenol	86		85		30-130	1		50
p-Chloro-m-cresol	88		86		26-103	2		50
2-Chlorophenol	88		89		25-102	1		50
2,4-Dichlorophenol	88		88		30-130	0		50
2,4-Dimethylphenol	90		90		30-130	0		50
2-Nitrophenol	88		87		30-130	1		50
4-Nitrophenol	110		103		11-114	7		50
2,4-Dinitrophenol	64		64		4-130	0		50
4,6-Dinitro-o-cresol	90		87		10-130	3		50
Pentachlorophenol	81		80		17-109	1		50
Phenol	**93**	Q	**91**	Q	26-90	2		50
2-Methylphenol	90		91		30-130.	1		50
3-Methylphenol/4-Methylphenol	89		88		30-130	1		50
2,4,5-Trichlorophenol	87		86		30-130	1		50
Benzoic Acid	51		61		10-110	18		50
Benzyl Alcohol	92		91		40-140	1		50
Carbazole	88		84		54-128	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1167947-2 WG1167947-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	86		86		25-120
Phenol-d6	87		88		10-120
Nitrobenzene-d5	84		85		23-120
2-Fluorobiphenyl	80		79		30-120
2,4,6-Tribromophenol	75		71		10-136
4-Terphenyl-d14	79		75		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG1167997-2 WG1167997-3								
Acenaphthene	86		80		37-111	7		30
1,2,4-Trichlorobenzene	80		74		39-98	8		30
Hexachlorobenzene	76		71		40-140	7		30
Bis(2-chloroethyl)ether	93		84		40-140	10		30
2-Chloronaphthalene	89		78		40-140	13		30
1,2-Dichlorobenzene	82		77		40-140	6		30
1,3-Dichlorobenzene	80		74		40-140	8		30
1,4-Dichlorobenzene	82		74		36-97	10		30
3,3'-Dichlorobenzidine	60		52		40-140	14		30
2,4-Dinitrotoluene	90		83		48-143	8		30
2,6-Dinitrotoluene	100		82		40-140	20		30
Fluoranthene	77		74		40-140	4		30
4-Chlorophenyl phenyl ether	87		79		40-140	10		30
4-Bromophenyl phenyl ether	80		74		40-140	8		30
Bis(2-chloroisopropyl)ether	96		87		40-140	10		30
Bis(2-chloroethoxy)methane	98		87		40-140	12		30
Hexachlorobutadiene	74		66		40-140	11		30
Hexachlorocyclopentadiene	68		57		40-140	18		30
Hexachloroethane	82		77		40-140	6		30
Isophorone	97		87		40-140	11		30
Naphthalene	89		78		40-140	13		30
Nitrobenzene	93		87		40-140	7		30
NDPA/DPA	86		74		40-140	15		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG1167997-2 WG1167997-3								
n-Nitrosodi-n-propylamine	101		93		29-132	8		30
Bis(2-ethylhexyl)phthalate	102		102		40-140	0		30
Butyl benzyl phthalate	81		77		40-140	5		30
Di-n-butylphthalate	88		82		40-140	7		30
Di-n-octylphthalate	93		93		40-140	0		30
Diethyl phthalate	95		88		40-140	8		30
Dimethyl phthalate	95		82		40-140	15		30
Benzo(a)anthracene	80		77		40-140	4		30
Benzo(a)pyrene	78		74		40-140	5		30
Benzo(b)fluoranthene	76		73		40-140	4		30
Benzo(k)fluoranthene	80		78		40-140	3		30
Chrysene	82		81		40-140	1		30
Acenaphthylene	90		80		45-123	12		30
Anthracene	85		80		40-140	6		30
Benzo(ghi)perylene	85		80		40-140	6		30
Fluorene	90		82		40-140	9		30
Phenanthrene	81		80		40-140	1		30
Dibenzo(a,h)anthracene	85		81		40-140	5		30
Indeno(1,2,3-cd)pyrene	84		84		40-140	0		30
Pyrene	74		70		26-127	6		30
Biphenyl	90		79		40-140	13		30
4-Chloroaniline	56		65		40-140	15		30
2-Nitroaniline	95		84		52-143	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG1167997-2 WG1167997-3								
3-Nitroaniline	75		61		25-145	21		30
4-Nitroaniline	78		71		51-143	9		30
Dibenzofuran	84		79		40-140	6		30
2-Methylnaphthalene	90		77		40-140	16		30
1,2,4,5-Tetrachlorobenzene	78		70		2-134	11		30
Acetophenone	93		82		39-129	13		30
2,4,6-Trichlorophenol	85		72		30-130	17		30
p-Chloro-m-cresol	92		80		23-97	14		30
2-Chlorophenol	90		80		27-123	12		30
2,4-Dichlorophenol	95		84		30-130	12		30
2,4-Dimethylphenol	41		**22**	Q	30-130	**60**	Q	30
2-Nitrophenol	102		94		30-130	8		30
4-Nitrophenol	**82**	Q	76		10-80	8		30
2,4-Dinitrophenol	84		83		20-130	1		30
4,6-Dinitro-o-cresol	86		80		20-164	7		30
Pentachlorophenol	69		63		9-103	9		30
Phenol	78		69		12-110	12		30
2-Methylphenol	86		67		30-130	25		30
3-Methylphenol/4-Methylphenol	92		77		30-130	18		30
2,4,5-Trichlorophenol	92		80		30-130	14		30
Benzoic Acid	95		94		10-164	1		30
Benzyl Alcohol	87		77		26-116	12		30
Carbazole	82		77		55-144	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG1167997-2 WG1167997-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		72		21-120
Phenol-d6	76		66		10-120
Nitrobenzene-d5	97		88		23-120
2-Fluorobiphenyl	89		77		15-120
2,4,6-Tribromophenol	77		69		10-120
4-Terphenyl-d14	72		71		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 10-11 Batch: WG1167998-2 WG1167998-3								
Acenaphthene	84		86		40-140	2		40
2-Chloronaphthalene	88		92		40-140	4		40
Fluoranthene	93		97		40-140	4		40
Hexachlorobutadiene	77		79		40-140	3		40
Naphthalene	82		85		40-140	4		40
Benzo(a)anthracene	95		98		40-140	3		40
Benzo(a)pyrene	90		94		40-140	4		40
Benzo(b)fluoranthene	97		102		40-140	5		40
Benzo(k)fluoranthene	101		105		40-140	4		40
Chrysene	84		86		40-140	2		40
Acenaphthylene	102		106		40-140	4		40
Anthracene	88		89		40-140	1		40
Benzo(ghi)perylene	92		97		40-140	5		40
Fluorene	92		96		40-140	4		40
Phenanthrene	82		83		40-140	1		40
Dibenzo(a,h)anthracene	96		102		40-140	6		40
Indeno(1,2,3-cd)pyrene	94		101		40-140	7		40
Pyrene	91		96		40-140	5		40
2-Methylnaphthalene	86		90		40-140	5		40
Pentachlorophenol	79		76		40-140	4		40
Hexachlorobenzene	78		79		40-140	1		40
Hexachloroethane	81		85		40-140	5		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 10-11 Batch: WG1167998-2 WG1167998-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58		56		21-120
Phenol-d6	70		68		10-120
Nitrobenzene-d5	97		101		23-120
2-Fluorobiphenyl	84		89		15-120
2,4,6-Tribromophenol	91		81		10-120
4-Terphenyl-d14	85		90		41-149

PCBS

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-01
Client ID: B-1 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 08:35
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/16/18 08:50
Analyst: WR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 14:57
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.8	3.36	1	A
Aroclor 1221	ND		ug/kg	37.8	3.79	1	A
Aroclor 1232	ND		ug/kg	37.8	8.01	1	A
Aroclor 1242	ND		ug/kg	37.8	5.09	1	A
Aroclor 1248	ND		ug/kg	37.8	5.67	1	A
Aroclor 1254	ND		ug/kg	37.8	4.13	1	A
Aroclor 1260	ND		ug/kg	37.8	6.98	1	A
Aroclor 1262	ND		ug/kg	37.8	4.80	1	A
Aroclor 1268	ND		ug/kg	37.8	3.91	1	A
PCBs, Total	ND		ug/kg	37.8	3.36	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-02
Client ID: B-1 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 08:45
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/16/18 09:03
Analyst: WR
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 14:57
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/18

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	8.57	1	A
Aroclor 1242	ND		ug/kg	40.4	5.45	1	A
Aroclor 1248	ND		ug/kg	40.4	6.06	1	A
Aroclor 1254	188		ug/kg	40.4	4.42	1	A
Aroclor 1260	508		ug/kg	40.4	7.47	1	B
Aroclor 1262	ND		ug/kg	40.4	5.13	1	A
Aroclor 1268	ND		ug/kg	40.4	4.19	1	A
PCBs, Total	696		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	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-03
Client ID: B-2 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:45
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/16/18 09:15
Analyst: WR
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 14:57
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.5	3.60	1	A
Aroclor 1221	ND		ug/kg	40.5	4.06	1	A
Aroclor 1232	ND		ug/kg	40.5	8.58	1	A
Aroclor 1242	ND		ug/kg	40.5	5.46	1	A
Aroclor 1248	ND		ug/kg	40.5	6.07	1	A
Aroclor 1254	ND		ug/kg	40.5	4.43	1	A
Aroclor 1260	31.1	J	ug/kg	40.5	7.48	1	B
Aroclor 1262	ND		ug/kg	40.5	5.14	1	A
Aroclor 1268	ND		ug/kg	40.5	4.20	1	A
PCBs, Total	31.1	J	ug/kg	40.5	3.60	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-04
Client ID: B-2 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:50
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/16/18 09:28
Analyst: WR
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 14:57
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/18

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	8.94	1	A
Aroclor 1242	ND		ug/kg	42.1	5.68	1	A
Aroclor 1248	ND		ug/kg	42.1	6.32	1	A
Aroclor 1254	156		ug/kg	42.1	4.61	1	A
Aroclor 1260	264		ug/kg	42.1	7.79	1	B
Aroclor 1262	ND		ug/kg	42.1	5.35	1	A
Aroclor 1268	ND		ug/kg	42.1	4.37	1	A
PCBs, Total	420		ug/kg	42.1	3.74	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-05 D
Client ID: B-3 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:55
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/18/18 19:21
Analyst: HT
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 14:57
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	7360	654.	200	A
Aroclor 1221	ND		ug/kg	7360	737.	200	A
Aroclor 1232	ND		ug/kg	7360	1560	200	A
Aroclor 1242	ND		ug/kg	7360	992.	200	A
Aroclor 1248	ND		ug/kg	7360	1100	200	A
Aroclor 1254	ND		ug/kg	7360	805.	200	A
Aroclor 1260	51800		ug/kg	7360	1360	200	A
Aroclor 1262	ND		ug/kg	7360	935.	200	A
Aroclor 1268	ND		ug/kg	7360	762.	200	A
PCBs, Total	51800		ug/kg	7360	654.	200	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: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-06
Client ID: B-3 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 10:07
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/16/18 09:53
Analyst: WR
Percent Solids: 66%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 14:57
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	48.4	4.30	1	A
Aroclor 1221	ND		ug/kg	48.4	4.85	1	A
Aroclor 1232	ND		ug/kg	48.4	10.3	1	A
Aroclor 1242	ND		ug/kg	48.4	6.53	1	A
Aroclor 1248	ND		ug/kg	48.4	7.27	1	A
Aroclor 1254	ND		ug/kg	48.4	5.30	1	A
Aroclor 1260	ND		ug/kg	48.4	8.95	1	A
Aroclor 1262	ND		ug/kg	48.4	6.15	1	A
Aroclor 1268	ND		ug/kg	48.4	5.02	1	A
PCBs, Total	ND		ug/kg	48.4	4.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-07
Client ID: B-4 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 11:30
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/18/18 19:45
Analyst: HT
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 14:57
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.3	3.22	1	A
Aroclor 1221	ND		ug/kg	36.3	3.63	1	A
Aroclor 1232	ND		ug/kg	36.3	7.69	1	A
Aroclor 1242	ND		ug/kg	36.3	4.89	1	A
Aroclor 1248	ND		ug/kg	36.3	5.44	1	A
Aroclor 1254	ND		ug/kg	36.3	3.97	1	A
Aroclor 1260	ND		ug/kg	36.3	6.70	1	A
Aroclor 1262	ND		ug/kg	36.3	4.61	1	A
Aroclor 1268	ND		ug/kg	36.3	3.76	1	A
PCBs, Total	ND		ug/kg	36.3	3.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**25**	Q	30-150	B
Decachlorobiphenyl	**21**	Q	30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-08
Client ID: B-5 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 12:40
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/18/18 19:33
Analyst: HT
Percent Solids: 65%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 14:57
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	49.2	4.37	1	A
Aroclor 1221	ND		ug/kg	49.2	4.93	1	A
Aroclor 1232	ND		ug/kg	49.2	10.4	1	A
Aroclor 1242	ND		ug/kg	49.2	6.63	1	A
Aroclor 1248	ND		ug/kg	49.2	7.38	1	A
Aroclor 1254	ND		ug/kg	49.2	5.38	1	A
Aroclor 1260	ND		ug/kg	49.2	9.09	1	A
Aroclor 1262	ND		ug/kg	49.2	6.25	1	A
Aroclor 1268	ND		ug/kg	49.2	5.10	1	A
PCBs, Total	ND		ug/kg	49.2	4.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-09
Client ID: B-6 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 14:20
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/16/18 10:30
Analyst: WR
Percent Solids: 61%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 14:57
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.0	4.70	1	A
Aroclor 1221	ND		ug/kg	53.0	5.31	1	A
Aroclor 1232	ND		ug/kg	53.0	11.2	1	A
Aroclor 1242	ND		ug/kg	53.0	7.14	1	A
Aroclor 1248	ND		ug/kg	53.0	7.95	1	A
Aroclor 1254	ND		ug/kg	53.0	5.80	1	A
Aroclor 1260	ND		ug/kg	53.0	9.79	1	A
Aroclor 1262	ND		ug/kg	53.0	6.73	1	A
Aroclor 1268	ND		ug/kg	53.0	5.49	1	A
PCBs, Total	ND		ug/kg	53.0	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-10
Client ID: GW-1
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 13:10
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/17/18 16:44
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 15:34
Cleanup Method: EPA 3665A
Cleanup Date: 10/16/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/17/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	1.65		ug/l	0.083	0.039	1	B
Aroclor 1260	4.50		ug/l	0.083	0.032	1	B
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	6.15		ug/l	0.083	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-11
Client ID: GW-2
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 13:45
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/15/18 10:34
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 10/14/18 11:41
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	0.732		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	0.732		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/15/18 09:27
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 10/13/18 13:48
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 11 Batch: WG1167815-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	0.063	J	ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	0.063	J	ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/16/18 12:22
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 10/14/18 14:57
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-09 Batch: WG1167943-1						
Aroclor 1016	ND		ug/kg	31.8	2.83	A
Aroclor 1221	ND		ug/kg	31.8	3.19	A
Aroclor 1232	ND		ug/kg	31.8	6.75	A
Aroclor 1242	ND		ug/kg	31.8	4.29	A
Aroclor 1248	ND		ug/kg	31.8	4.77	A
Aroclor 1254	ND		ug/kg	31.8	3.48	A
Aroclor 1260	ND		ug/kg	31.8	5.88	A
Aroclor 1262	ND		ug/kg	31.8	4.04	A
Aroclor 1268	ND		ug/kg	31.8	3.30	A
PCBs, Total	ND		ug/kg	31.8	2.83	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/17/18 11:25
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 23:41
Cleanup Method: EPA 3665A
Cleanup Date: 10/17/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/17/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 10 Batch: WG1168844-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	ND		ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	80		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 11 Batch: WG1167815-2 WG1167815-3									
Aroclor 1016	75		72		40-140	4		50	A
Aroclor 1260	81		81		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		81		30-150	A
Decachlorobiphenyl	91		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		87		30-150	B
Decachlorobiphenyl	90		91		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-09 Batch: WG1167943-2 WG1167943-3									
Aroclor 1016	83		93		40-140	11		50	A
Aroclor 1260	72		83		40-140	14		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		84		30-150	A
Decachlorobiphenyl	53		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		84		30-150	B
Decachlorobiphenyl	69		80		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 10 Batch: WG1168844-2 WG1168844-3									
Aroclor 1016	75		80		40-140	6		50	A
Aroclor 1260	83		87		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		89		30-150	A
Decachlorobiphenyl	103		106		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		94		30-150	B
Decachlorobiphenyl	96		95		30-150	B

PESTICIDES

Project Name: ALEXANDER ST.
Lab Number: L1840781
Project Number: 25720.00
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-01 D
Client ID: B-1 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 08:35
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/18/18 23:55
Analyst: KB
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 17:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	36.9	7.22	20	A
Lindane	ND		ug/kg	15.4	6.87	20	A
Alpha-BHC	ND		ug/kg	15.4	4.36	20	A
Beta-BHC	ND		ug/kg	36.9	14.0	20	A
Heptachlor	ND		ug/kg	18.4	8.27	20	A
Aldrin	ND		ug/kg	36.9	13.0	20	A
Heptachlor epoxide	ND		ug/kg	69.2	20.8	20	A
Endrin	ND		ug/kg	15.4	6.30	20	A
Endrin aldehyde	ND		ug/kg	46.1	16.1	20	A
Endrin ketone	ND		ug/kg	36.9	9.50	20	A
Dieldrin	ND		ug/kg	23.0	11.5	20	A
4,4'-DDE	ND		ug/kg	36.9	8.53	20	A
4,4'-DDD	ND		ug/kg	36.9	13.2	20	A
4,4'-DDT	ND		ug/kg	69.2	29.7	20	A
Endosulfan I	ND		ug/kg	36.9	8.72	20	A
Endosulfan II	ND		ug/kg	36.9	12.3	20	A
Endosulfan sulfate	ND		ug/kg	15.4	7.32	20	A
Methoxychlor	ND		ug/kg	69.2	21.5	20	A
Toxaphene	ND		ug/kg	692	194.	20	A
cis-Chlordane	558		ug/kg	46.1	12.8	20	A
trans-Chlordane	560	PI	ug/kg	46.1	12.2	20	A
Chlordane	ND		ug/kg	300	122.	20	A

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-01 D
Client ID: B-1 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 08:35
Date Received: 10/09/18
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	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A

Project Name: ALEXANDER ST.
Lab Number: L1840781
Project Number: 25720.00
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-02 D
Client ID: B-1 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 08:45
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/17/18 02:06
Analyst: SL
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 17:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	9.62	1.88	5	A
Lindane	ND		ug/kg	4.01	1.79	5	A
Alpha-BHC	ND		ug/kg	4.01	1.14	5	A
Beta-BHC	ND		ug/kg	9.62	3.65	5	A
Heptachlor	ND		ug/kg	4.81	2.16	5	A
Aldrin	ND		ug/kg	9.62	3.39	5	A
Heptachlor epoxide	18.4	P	ug/kg	18.0	5.41	5	B
Endrin	ND		ug/kg	4.01	1.64	5	A
Endrin aldehyde	ND		ug/kg	12.0	4.21	5	A
Endrin ketone	ND		ug/kg	9.62	2.48	5	A
Dieldrin	67.0		ug/kg	6.01	3.00	5	A
4,4'-DDE	13.9	P	ug/kg	9.62	2.22	5	A
4,4'-DDD	ND		ug/kg	9.62	3.43	5	A
4,4'-DDT	41.4	PI	ug/kg	18.0	7.73	5	A
Endosulfan I	ND		ug/kg	9.62	2.27	5	A
Endosulfan II	3.22	JPI	ug/kg	9.62	3.21	5	A
Endosulfan sulfate	ND		ug/kg	4.01	1.91	5	A
Methoxychlor	ND		ug/kg	18.0	5.61	5	A
Toxaphene	ND		ug/kg	180	50.5	5	A
cis-Chlordane	ND		ug/kg	12.0	3.35	5	A
trans-Chlordane	ND		ug/kg	12.0	3.17	5	A
Chlordane	ND		ug/kg	78.1	31.8	5	A

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-02 D
Client ID: B-1 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 08:45
Date Received: 10/09/18
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	65		30-150	B
Decachlorobiphenyl	87		30-150	B
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	103		30-150	A

Project Name: ALEXANDER ST.
Lab Number: L1840781
Project Number: 25720.00
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-03 D
Client ID: B-2 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:45
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/19/18 00:33
Analyst: KB
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 17:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	9.34	1.83	5	A
Lindane	ND		ug/kg	3.89	1.74	5	A
Alpha-BHC	ND		ug/kg	3.89	1.10	5	A
Beta-BHC	ND		ug/kg	9.34	3.54	5	A
Heptachlor	ND		ug/kg	4.67	2.09	5	A
Aldrin	ND		ug/kg	9.34	3.29	5	A
Heptachlor epoxide	ND		ug/kg	17.5	5.25	5	A
Endrin	ND		ug/kg	3.89	1.60	5	A
Endrin aldehyde	ND		ug/kg	11.7	4.08	5	A
Endrin ketone	ND		ug/kg	9.34	2.40	5	A
Dieldrin	ND	PI	ug/kg	5.84	2.92	5	A
4,4'-DDE	ND		ug/kg	9.34	2.16	5	A
4,4'-DDD	ND		ug/kg	9.34	3.33	5	A
4,4'-DDT	ND		ug/kg	17.5	7.51	5	A
Endosulfan I	ND		ug/kg	9.34	2.20	5	A
Endosulfan II	ND		ug/kg	9.34	3.12	5	A
Endosulfan sulfate	ND		ug/kg	3.89	1.85	5	A
Methoxychlor	ND		ug/kg	17.5	5.45	5	A
Toxaphene	ND		ug/kg	175	49.0	5	A
cis-Chlordane	35.0		ug/kg	11.7	3.25	5	A
trans-Chlordane	51.2	PI	ug/kg	11.7	3.08	5	A
Chlordane	ND		ug/kg	75.9	30.9	5	A

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-03 D
Client ID: B-2 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:45
Date Received: 10/09/18
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	77		30-150	B
Decachlorobiphenyl	98		30-150	B
2,4,5,6-Tetrachloro-m-xylene	118		30-150	A
Decachlorobiphenyl	98		30-150	A

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-04 D
Client ID: B-2 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:50
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/19/18 00:46
Analyst: KB
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 17:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	9.91	1.94	5	A
Lindane	ND		ug/kg	4.13	1.85	5	A
Alpha-BHC	ND		ug/kg	4.13	1.17	5	A
Beta-BHC	ND		ug/kg	9.91	3.76	5	A
Heptachlor	ND		ug/kg	4.96	2.22	5	A
Aldrin	ND		ug/kg	9.91	3.49	5	A
Heptachlor epoxide	ND		ug/kg	18.6	5.58	5	A
Endrin	ND		ug/kg	4.13	1.69	5	A
Endrin aldehyde	ND		ug/kg	12.4	4.34	5	A
Endrin ketone	ND		ug/kg	9.91	2.55	5	A
Dieldrin	49.1		ug/kg	6.20	3.10	5	A
4,4'-DDE	ND		ug/kg	9.91	2.29	5	A
4,4'-DDD	ND		ug/kg	9.91	3.54	5	A
4,4'-DDT	35.8		ug/kg	18.6	7.97	5	A
Endosulfan I	ND		ug/kg	9.91	2.34	5	A
Endosulfan II	ND		ug/kg	9.91	3.31	5	A
Endosulfan sulfate	ND		ug/kg	4.13	1.97	5	A
Methoxychlor	ND		ug/kg	18.6	5.78	5	A
Toxaphene	ND		ug/kg	186	52.0	5	A
cis-Chlordane	19.4		ug/kg	12.4	3.45	5	B
trans-Chlordane	22.2	PI	ug/kg	12.4	3.27	5	A
Chlordane	ND		ug/kg	80.5	32.8	5	A

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-04 D
Client ID: B-2 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:50
Date Received: 10/09/18
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	49		30-150	B
Decachlorobiphenyl	84		30-150	B
2,4,5,6-Tetrachloro-m-xylene	**204**	Q	30-150	A
Decachlorobiphenyl	121		30-150	A

Project Name: ALEXANDER ST.
Lab Number: L1840781
Project Number: 25720.00
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-05 D
Client ID: B-3 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:55
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/18/18 23:30
Analyst: KB
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 17:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	91.7	18.0	50	A
Lindane	ND		ug/kg	38.2	17.1	50	A
Alpha-BHC	ND		ug/kg	38.2	10.8	50	A
Beta-BHC	ND		ug/kg	91.7	34.8	50	A
Heptachlor	ND		ug/kg	45.8	20.6	50	A
Aldrin	ND		ug/kg	91.7	32.3	50	A
Heptachlor epoxide	ND		ug/kg	172	51.6	50	A
Endrin	ND		ug/kg	38.2	15.7	50	A
Endrin aldehyde	ND		ug/kg	115	40.1	50	A
Endrin ketone	ND		ug/kg	91.7	23.6	50	A
Dieldrin	2930	PI	ug/kg	57.3	28.6	50	B
4,4'-DDE	ND		ug/kg	91.7	21.2	50	A
4,4'-DDD	ND		ug/kg	91.7	32.7	50	A
4,4'-DDT	ND		ug/kg	172	73.7	50	A
Endosulfan I	ND		ug/kg	91.7	21.7	50	A
Endosulfan II	ND		ug/kg	91.7	30.6	50	A
Endosulfan sulfate	ND		ug/kg	38.2	18.2	50	A
Methoxychlor	ND		ug/kg	172	53.5	50	A
Toxaphene	ND		ug/kg	1720	481.	50	A
cis-Chlordane	ND		ug/kg	115	31.9	50	A
trans-Chlordane	ND		ug/kg	115	30.3	50	A
Chlordane	ND		ug/kg	745	304.	50	A

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-05 D
Client ID: B-3 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 09:55
Date Received: 10/09/18
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	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A

Project Name: ALEXANDER ST.
Lab Number: L1840781
Project Number: 25720.00
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-06 D
Client ID: B-3 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 10:07
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/19/18 00:20
Analyst: KB
Percent Solids: 66%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 17:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	23.0	4.50	10	A
Lindane	ND		ug/kg	9.57	4.28	10	A
Alpha-BHC	ND		ug/kg	9.57	2.72	10	A
Beta-BHC	ND		ug/kg	23.0	8.71	10	A
Heptachlor	ND		ug/kg	11.5	5.15	10	A
Aldrin	ND		ug/kg	23.0	8.09	10	A
Heptachlor epoxide	ND		ug/kg	43.1	12.9	10	A
Endrin	ND		ug/kg	9.57	3.92	10	A
Endrin aldehyde	ND		ug/kg	28.7	10.0	10	A
Endrin ketone	ND		ug/kg	23.0	5.92	10	A
Dieldrin	ND		ug/kg	14.4	7.18	10	A
4,4'-DDE	ND		ug/kg	23.0	5.31	10	A
4,4'-DDD	ND		ug/kg	23.0	8.19	10	A
4,4'-DDT	ND		ug/kg	43.1	18.5	10	A
Endosulfan I	ND		ug/kg	23.0	5.43	10	A
Endosulfan II	ND		ug/kg	23.0	7.68	10	A
Endosulfan sulfate	ND		ug/kg	9.57	4.56	10	A
Methoxychlor	ND		ug/kg	43.1	13.4	10	A
Toxaphene	ND		ug/kg	431	121.	10	A
cis-Chlordane	ND		ug/kg	28.7	8.00	10	A
trans-Chlordane	ND		ug/kg	28.7	7.58	10	A
Chlordane	ND		ug/kg	187	76.1	10	A

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-06 D
Client ID: B-3 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 10:07
Date Received: 10/09/18
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	B
Decachlorobiphenyl	71		30-150	B
2,4,5,6-Tetrachloro-m-xylene	**403**	Q	30-150	A
Decachlorobiphenyl	109		30-150	A

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-07 D
Client ID: B-4 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 11:30
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/18/18 23:42
Analyst: KB
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 17:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	88.5	17.3	50	A
Lindane	ND		ug/kg	36.9	16.5	50	A
Alpha-BHC	ND		ug/kg	36.9	10.5	50	A
Beta-BHC	ND		ug/kg	88.5	33.5	50	A
Heptachlor	ND		ug/kg	44.2	19.8	50	A
Aldrin	ND		ug/kg	88.5	31.2	50	A
Heptachlor epoxide	ND		ug/kg	166	49.8	50	A
Endrin	ND		ug/kg	36.9	15.1	50	A
Endrin aldehyde	ND		ug/kg	111	38.7	50	A
Endrin ketone	ND		ug/kg	88.5	22.8	50	A
Dieldrin	ND		ug/kg	55.3	27.6	50	A
4,4'-DDE	ND		ug/kg	88.5	20.5	50	A
4,4'-DDD	ND		ug/kg	88.5	31.6	50	A
4,4'-DDT	ND		ug/kg	166	71.2	50	A
Endosulfan I	ND		ug/kg	88.5	20.9	50	A
Endosulfan II	ND		ug/kg	88.5	29.6	50	A
Endosulfan sulfate	ND		ug/kg	36.9	17.5	50	A
Methoxychlor	ND		ug/kg	166	51.6	50	A
Toxaphene	ND		ug/kg	1660	464.	50	A
cis-Chlordane	ND		ug/kg	111	30.8	50	A
trans-Chlordane	ND		ug/kg	111	29.2	50	A
Chlordane	ND		ug/kg	719	293.	50	A

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-07 D
Client ID: B-4 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 11:30
Date Received: 10/09/18
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	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A

Project Name: ALEXANDER ST.
Lab Number: L1840781
Project Number: 25720.00
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-08 D
Client ID: B-5 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 12:40
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/18/18 23:17
Analyst: KB
Percent Solids: 65%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 17:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	691	135.	200	A
Lindane	ND		ug/kg	288	129.	200	A
Alpha-BHC	ND		ug/kg	288	81.8	200	A
Beta-BHC	ND		ug/kg	691	262.	200	A
Heptachlor	ND		ug/kg	345	155.	200	A
Aldrin	ND		ug/kg	691	243.	200	A
Heptachlor epoxide	ND		ug/kg	1300	389.	200	A
Endrin	ND		ug/kg	288	118.	200	A
Endrin aldehyde	ND		ug/kg	864	302.	200	A
Endrin ketone	ND		ug/kg	691	178.	200	A
Dieldrin	ND		ug/kg	432	216.	200	A
4,4'-DDE	ND		ug/kg	691	160.	200	A
4,4'-DDD	ND		ug/kg	691	246.	200	A
4,4'-DDT	ND		ug/kg	1300	556.	200	A
Endosulfan I	ND		ug/kg	691	163.	200	A
Endosulfan II	ND		ug/kg	691	231.	200	A
Endosulfan sulfate	ND		ug/kg	288	137.	200	A
Methoxychlor	ND		ug/kg	1300	403.	200	A
Toxaphene	ND		ug/kg	13000	3630	200	A
cis-Chlordane	ND		ug/kg	864	241.	200	A
trans-Chlordane	ND		ug/kg	864	228.	200	A
Chlordane	ND		ug/kg	5610	2290	200	A

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-08 D
Client ID: B-5 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 12:40
Date Received: 10/09/18
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	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-09 D
Client ID: B-6 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 14:20
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/19/18 00:08
Analyst: KB
Percent Solids: 61%

Extraction Method: EPA 3546
Extraction Date: 10/14/18 17:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	25.5	5.00	10	A
Lindane	12.8		ug/kg	10.6	4.75	10	B
Alpha-BHC	ND		ug/kg	10.6	3.02	10	A
Beta-BHC	ND		ug/kg	25.5	9.67	10	A
Heptachlor	ND		ug/kg	12.8	5.72	10	A
Aldrin	ND		ug/kg	25.5	8.98	10	A
Heptachlor epoxide	ND		ug/kg	47.8	14.4	10	A
Endrin	ND		ug/kg	10.6	4.36	10	A
Endrin aldehyde	ND		ug/kg	31.9	11.2	10	A
Endrin ketone	ND		ug/kg	25.5	6.57	10	A
Dieldrin	ND		ug/kg	15.9	7.97	10	A
4,4'-DDE	ND		ug/kg	25.5	5.90	10	A
4,4'-DDD	ND		ug/kg	25.5	9.10	10	A
4,4'-DDT	ND		ug/kg	47.8	20.5	10	A
Endosulfan I	ND		ug/kg	25.5	6.03	10	A
Endosulfan II	ND		ug/kg	25.5	8.53	10	A
Endosulfan sulfate	ND		ug/kg	10.6	5.06	10	A
Methoxychlor	ND		ug/kg	47.8	14.9	10	A
Toxaphene	ND		ug/kg	478	134.	10	A
cis-Chlordane	ND		ug/kg	31.9	8.89	10	A
trans-Chlordane	ND		ug/kg	31.9	8.42	10	A
Chlordane	ND		ug/kg	207	84.5	10	A

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-09 D
Client ID: B-6 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 14:20
Date Received: 10/09/18
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	108		30-150	B
Decachlorobiphenyl	84		30-150	B
2,4,5,6-Tetrachloro-m-xylene	**1050**	Q	30-150	A
Decachlorobiphenyl	108		30-150	A

Project Name: ALEXANDER ST.
Lab Number: L1840781
Project Number: 25720.00
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-10
Client ID: GW-1
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 13:10
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/17/18 01:15
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 10/14/18 11:37

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	0.022	J	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	0.014	JPI	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	0.036	P	ug/l	0.014	0.005	1	A
trans-Chlordane	0.014	JPI	ug/l	0.014	0.004	1	A
Chlordane	0.190	PI	ug/l	0.143	0.033	1	B

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-10 Date Collected: 10/09/18 13:10

Client ID: GW-1 Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	49		30-150	A
Decachlorobiphenyl	33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	44		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-11 D
Client ID: GW-2
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 13:45
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/18/18 17:33
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 10/14/18 11:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.071	0.017	5	A
Lindane	ND		ug/l	0.071	0.016	5	A
Alpha-BHC	ND		ug/l	0.071	0.016	5	A
Beta-BHC	ND		ug/l	0.071	0.020	5	A
Heptachlor	ND		ug/l	0.071	0.011	5	A
Aldrin	ND		ug/l	0.071	0.008	5	A
Heptachlor epoxide	ND		ug/l	0.071	0.015	5	A
Endrin	ND		ug/l	0.143	0.015	5	A
Endrin aldehyde	ND		ug/l	0.143	0.029	5	A
Endrin ketone	ND		ug/l	0.143	0.017	5	A
Dieldrin	ND		ug/l	0.143	0.015	5	A
4,4'-DDE	ND		ug/l	0.143	0.014	5	A
4,4'-DDD	ND		ug/l	0.143	0.017	5	A
4,4'-DDT	ND		ug/l	0.143	0.015	5	A
Endosulfan I	ND		ug/l	0.071	0.012	5	A
Endosulfan II	ND		ug/l	0.143	0.019	5	A
Endosulfan sulfate	ND		ug/l	0.143	0.017	5	A
Methoxychlor	ND		ug/l	0.714	0.024	5	A
Toxaphene	ND		ug/l	0.714	0.224	5	A
cis-Chlordane	0.052	JPI	ug/l	0.071	0.024	5	B
trans-Chlordane	0.212	PI	ug/l	0.071	0.022	5	A
Chlordane	2.01		ug/l	0.714	0.165	5	A

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-11 D
Client ID: GW-2
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 13:45
Date Received: 10/09/18
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	109		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/15/18 15:02
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 10/13/18 13:51

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 10-11 Batch: WG1167816-1						
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: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1840781
Report Date: 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/15/18 15:02
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 10/13/18 13:51

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 10-11 Batch: WG1167816-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/16/18 23:52
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 10/14/18 17:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-09 Batch: WG1167952-1						
Delta-BHC	ND		ug/kg	1.51	0.296	A
Lindane	ND		ug/kg	0.630	0.282	A
Alpha-BHC	ND		ug/kg	0.630	0.179	A
Beta-BHC	ND		ug/kg	1.51	0.573	A
Heptachlor	ND		ug/kg	0.756	0.339	A
Aldrin	ND		ug/kg	1.51	0.532	A
Heptachlor epoxide	ND		ug/kg	2.84	0.851	A
Endrin	ND		ug/kg	0.630	0.258	A
Endrin aldehyde	ND		ug/kg	1.89	0.662	A
Endrin ketone	ND		ug/kg	1.51	0.389	A
Dieldrin	ND		ug/kg	0.945	0.472	A
4,4'-DDE	ND		ug/kg	1.51	0.350	A
4,4'-DDD	ND		ug/kg	1.51	0.539	A
4,4'-DDT	ND		ug/kg	2.84	1.22	A
Endosulfan I	ND		ug/kg	1.51	0.357	A
Endosulfan II	ND		ug/kg	1.51	0.505	A
Endosulfan sulfate	ND		ug/kg	0.630	0.300	A
Methoxychlor	ND		ug/kg	2.84	0.882	A
Toxaphene	ND		ug/kg	28.4	7.94	A
cis-Chlordane	ND		ug/kg	1.89	0.527	A
trans-Chlordane	ND		ug/kg	1.89	0.499	A
Chlordane	ND		ug/kg	12.3	5.01	A

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1840781
Report Date: 10/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/16/18 23:52
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 10/14/18 17:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-09 Batch: WG1167952-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	72		30-150	B
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	67		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 10-11 Batch: WG1167816-2 WG1167816-3									
Delta-BHC	93		80		30-150	14		20	A
Lindane	87		77		30-150	12		20	A
Alpha-BHC	85		77		30-150	10		20	A
Beta-BHC	92		75		30-150	20		20	A
Heptachlor	87		78		30-150	11		20	A
Aldrin	86		77		30-150	11		20	A
Heptachlor epoxide	92		81		30-150	13		20	A
Endrin	94		82		30-150	13		20	A
Endrin aldehyde	73		65		30-150	11		20	A
Endrin ketone	99		89		30-150	12		20	A
Dieldrin	101		89		30-150	13		20	A
4,4'-DDE	89		77		30-150	14		20	A
4,4'-DDD	88		78		30-150	13		20	A
4,4'-DDT	96		85		30-150	12		20	A
Endosulfan I	90		78		30-150	14		20	A
Endosulfan II	86		76		30-150	12		20	A
Endosulfan sulfate	92		82		30-150	12		20	A
Methoxychlor	108		97		30-150	11		20	A
cis-Chlordane	82		73		30-150	12		20	A
trans-Chlordane	79		72		30-150	9		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 10-11 Batch: WG1167816-2 WG1167816-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		78		30-150	A
Decachlorobiphenyl	86		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		71		30-150	B
Decachlorobiphenyl	81		75		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-09 Batch: WG1167952-2 WG1167952-3									
Delta-BHC	98		87		30-150	12		30	A
Lindane	92		86		30-150	7		30	A
Alpha-BHC	86		80		30-150	7		30	A
Beta-BHC	94		88		30-150	7		30	A
Heptachlor	105		97		30-150	8		30	A
Aldrin	92		85		30-150	8		30	A
Heptachlor epoxide	97		92		30-150	5		30	A
Endrin	107		98		30-150	9		30	A
Endrin aldehyde	67		68		30-150	1		30	A
Endrin ketone	98		96		30-150	2		30	A
Dieldrin	103		98		30-150	5		30	A
4,4'-DDE	89		82		30-150	8		30	A
4,4'-DDD	95		89		30-150	7		30	A
4,4'-DDT	105		100		30-150	5		30	A
Endosulfan I	88		83		30-150	6		30	A
Endosulfan II	90		86		30-150	5		30	A
Endosulfan sulfate	84		76		30-150	10		30	A
Methoxychlor	111		107		30-150	4		30	A
cis-Chlordane	78		72		30-150	8		30	A
trans-Chlordane	68		65		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-09 Batch: WG1167952-2 WG1167952-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		84		30-150	B
Decachlorobiphenyl	92		82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	97		94		30-150	A
Decachlorobiphenyl	89		91		30-150	A

METALS

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-01 Date Collected: 10/09/18 08:35

Client ID: B-1 (0-2) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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											
Aluminum, Total	10100		mg/kg	9.13	2.47	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.57	0.347	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Arsenic, Total	12.5		mg/kg	0.913	0.190	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Barium, Total	111		mg/kg	0.913	0.159	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Beryllium, Total	0.055	J	mg/kg	0.457	0.030	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Cadmium, Total	0.557	J	mg/kg	0.913	0.090	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Calcium, Total	2910		mg/kg	9.13	3.20	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Chromium, Total	17.5		mg/kg	0.913	0.088	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Cobalt, Total	11.3		mg/kg	1.83	0.152	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Copper, Total	41.3		mg/kg	0.913	0.236	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Iron, Total	23200		mg/kg	4.57	0.825	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Lead, Total	900		mg/kg	4.57	0.245	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Magnesium, Total	4760		mg/kg	9.13	1.41	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Manganese, Total	540		mg/kg	0.913	0.145	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Mercury, Total	0.421		mg/kg	0.074	0.016	1	10/16/18 04:00	10/16/18 18:17	EPA 7471B	1,7471B	EA
Nickel, Total	12.6		mg/kg	2.28	0.221	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Potassium, Total	2200		mg/kg	228	13.2	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Selenium, Total	0.320	J	mg/kg	1.83	0.236	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.913	0.258	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Sodium, Total	89.7	J	mg/kg	183	2.88	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.83	0.288	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Vanadium, Total	39.3		mg/kg	0.913	0.185	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
Zinc, Total	89.0		mg/kg	4.57	0.268	2	10/15/18 17:20	10/17/18 20:19	EPA 3050B	1,6010D	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	18		mg/kg	0.94	0.94	1		10/17/18 20:19	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-02 Date Collected: 10/09/18 08:45

Client ID: B-1 (8-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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											
Aluminum, Total	9140		mg/kg	9.51	2.57	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.75	0.361	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Arsenic, Total	4.23		mg/kg	0.951	0.198	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Barium, Total	81.2		mg/kg	0.951	0.165	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Beryllium, Total	0.219	J	mg/kg	0.475	0.031	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Cadmium, Total	0.608	J	mg/kg	0.951	0.093	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Calcium, Total	6890		mg/kg	9.51	3.33	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Chromium, Total	20.1		mg/kg	0.951	0.091	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Cobalt, Total	8.54		mg/kg	1.90	0.158	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Copper, Total	40.9		mg/kg	0.951	0.245	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Iron, Total	16800		mg/kg	4.75	0.858	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Lead, Total	187		mg/kg	4.75	0.255	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Magnesium, Total	5650		mg/kg	9.51	1.46	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Manganese, Total	266		mg/kg	0.951	0.151	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Mercury, Total	0.750		mg/kg	0.077	0.016	1	10/16/18 04:00	10/16/18 18:19	EPA 7471B	1,7471B	EA
Nickel, Total	15.6		mg/kg	2.38	0.230	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Potassium, Total	1170		mg/kg	238	13.7	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Selenium, Total	0.504	J	mg/kg	1.90	0.245	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.951	0.269	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Sodium, Total	175	J	mg/kg	190	2.99	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.90	0.299	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Vanadium, Total	30.9		mg/kg	0.951	0.193	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
Zinc, Total	122		mg/kg	4.75	0.278	2	10/15/18 17:20	10/17/18 20:23	EPA 3050B	1,6010D	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	20		mg/kg	0.98	0.98	1		10/17/18 20:23	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-03 Date Collected: 10/09/18 09:45

Client ID: B-2 (0-2) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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											
Aluminum, Total	7410		mg/kg	9.32	2.52	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.66	0.354	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Arsenic, Total	14.2		mg/kg	0.932	0.194	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Barium, Total	84.6		mg/kg	0.932	0.162	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.466	0.031	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Cadmium, Total	0.522	J	mg/kg	0.932	0.091	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Calcium, Total	5930		mg/kg	9.32	3.26	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Chromium, Total	15.8		mg/kg	0.932	0.090	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Cobalt, Total	8.49		mg/kg	1.86	0.155	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Copper, Total	60.3		mg/kg	0.932	0.240	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Iron, Total	19200		mg/kg	4.66	0.842	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Lead, Total	112		mg/kg	4.66	0.250	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Magnesium, Total	5170		mg/kg	9.32	1.44	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Manganese, Total	219		mg/kg	0.932	0.148	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Mercury, Total	1.26		mg/kg	0.077	0.016	1	10/16/18 04:00	10/16/18 18:21	EPA 7471B	1,7471B	EA
Nickel, Total	11.9		mg/kg	2.33	0.226	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Potassium, Total	2320		mg/kg	233	13.4	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Selenium, Total	0.653	J	mg/kg	1.86	0.240	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.932	0.264	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Sodium, Total	130	J	mg/kg	186	2.94	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.86	0.294	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Vanadium, Total	34.6		mg/kg	0.932	0.189	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
Zinc, Total	95.6		mg/kg	4.66	0.273	2	10/15/18 17:20	10/17/18 20:42	EPA 3050B	1,6010D	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	16		mg/kg	0.98	0.98	1		10/17/18 20:42	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-04 Date Collected: 10/09/18 09:50

Client ID: B-2 (8-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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											
Aluminum, Total	7980		mg/kg	9.86	2.66	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.93	0.375	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Arsenic, Total	5.75		mg/kg	0.986	0.205	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Barium, Total	71.4		mg/kg	0.986	0.172	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Beryllium, Total	0.276	J	mg/kg	0.493	0.033	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Cadmium, Total	0.759	J	mg/kg	0.986	0.097	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Calcium, Total	9840		mg/kg	9.86	3.45	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Chromium, Total	34.5		mg/kg	0.986	0.095	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Cobalt, Total	6.14		mg/kg	1.97	0.164	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Copper, Total	59.8		mg/kg	0.986	0.254	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Iron, Total	15800		mg/kg	4.93	0.890	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Lead, Total	130		mg/kg	4.93	0.264	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Magnesium, Total	6940		mg/kg	9.86	1.52	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Manganese, Total	281		mg/kg	0.986	0.157	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Mercury, Total	0.448		mg/kg	0.081	0.017	1	10/16/18 04:00	10/16/18 18:23	EPA 7471B	1,7471B	EA
Nickel, Total	19.0		mg/kg	2.46	0.239	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Potassium, Total	1040		mg/kg	246	14.2	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.97	0.254	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.986	0.279	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Sodium, Total	495		mg/kg	197	3.11	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.97	0.311	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Vanadium, Total	26.1		mg/kg	0.986	0.200	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
Zinc, Total	151		mg/kg	4.93	0.289	2	10/15/18 17:20	10/17/18 20:46	EPA 3050B	1,6010D	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	34		mg/kg	1.0	1.0	1		10/17/18 20:46	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-05 Date Collected: 10/09/18 09:55

Client ID: B-3 (0-2) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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											
Aluminum, Total	5160		mg/kg	9.24	2.49	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.62	0.351	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Arsenic, Total	7.02		mg/kg	0.924	0.192	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Barium, Total	134		mg/kg	0.924	0.161	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Beryllium, Total	0.102	J	mg/kg	0.462	0.031	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Cadmium, Total	0.758	J	mg/kg	0.924	0.091	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Calcium, Total	15700		mg/kg	9.24	3.23	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Chromium, Total	12.6		mg/kg	0.924	0.089	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Cobalt, Total	6.00		mg/kg	1.85	0.153	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Copper, Total	69.0		mg/kg	0.924	0.238	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Iron, Total	15800		mg/kg	4.62	0.834	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Lead, Total	214		mg/kg	4.62	0.248	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Magnesium, Total	7960		mg/kg	9.24	1.42	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Manganese, Total	171		mg/kg	0.924	0.147	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Mercury, Total	1.57		mg/kg	0.073	0.015	1	10/16/18 04:00	10/16/18 18:24	EPA 7471B	1,7471B	EA
Nickel, Total	10.4		mg/kg	2.31	0.224	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Potassium, Total	1270		mg/kg	231	13.3	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Selenium, Total	0.776	J	mg/kg	1.85	0.238	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Silver, Total	0.896	J	mg/kg	0.924	0.261	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Sodium, Total	133	J	mg/kg	185	2.91	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.85	0.291	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Vanadium, Total	25.1		mg/kg	0.924	0.188	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
Zinc, Total	161		mg/kg	4.62	0.271	2	10/15/18 17:20	10/17/18 20:51	EPA 3050B	1,6010D	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	13		mg/kg	0.92	0.92	1		10/17/18 20:51	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-06 Date Collected: 10/09/18 10:07

Client ID: B-3 (8-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3080		mg/kg	12.0	3.23	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	5.99	0.455	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Arsenic, Total	3.37		mg/kg	1.20	0.249	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Barium, Total	38.6		mg/kg	1.20	0.208	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.599	0.040	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Cadmium, Total	0.252	J	mg/kg	1.20	0.117	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Calcium, Total	6510		mg/kg	12.0	4.19	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Chromium, Total	9.13		mg/kg	1.20	0.115	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Cobalt, Total	3.70		mg/kg	2.40	0.199	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Copper, Total	42.0		mg/kg	1.20	0.309	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Iron, Total	11400		mg/kg	5.99	1.08	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Lead, Total	227		mg/kg	5.99	0.321	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Magnesium, Total	2840		mg/kg	12.0	1.84	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Manganese, Total	124		mg/kg	1.20	0.190	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Mercury, Total	0.409		mg/kg	0.096	0.020	1	10/16/18 04:00	10/16/18 18:26	EPA 7471B	1,7471B	EA
Nickel, Total	7.58		mg/kg	2.99	0.290	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Potassium, Total	391		mg/kg	299	17.2	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	2.40	0.309	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	1.20	0.339	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Sodium, Total	234	J	mg/kg	240	3.77	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	2.40	0.377	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Vanadium, Total	14.7		mg/kg	1.20	0.243	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
Zinc, Total	64.4		mg/kg	5.99	0.351	2	10/15/18 17:20	10/17/18 20:55	EPA 3050B	1,6010D	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	9.1		mg/kg	1.2	1.2	1		10/17/18 20:55	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-07 Date Collected: 10/09/18 11:30

Client ID: B-4 (9-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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											
Aluminum, Total	11700		mg/kg	8.78	2.37	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.39	0.334	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Arsenic, Total	4.28		mg/kg	0.878	0.183	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Barium, Total	58.8		mg/kg	0.878	0.153	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.439	0.029	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Cadmium, Total	0.606	J	mg/kg	0.878	0.086	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Calcium, Total	9600		mg/kg	8.78	3.07	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Chromium, Total	13.3		mg/kg	0.878	0.084	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Cobalt, Total	8.55		mg/kg	1.76	0.146	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Copper, Total	108		mg/kg	0.878	0.226	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Iron, Total	18600		mg/kg	4.39	0.793	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Lead, Total	232		mg/kg	4.39	0.235	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Magnesium, Total	4450		mg/kg	8.78	1.35	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Manganese, Total	181		mg/kg	0.878	0.140	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Mercury, Total	0.370		mg/kg	0.071	0.015	1	10/16/18 04:00	10/16/18 18:28	EPA 7471B	1,7471B	EA
Nickel, Total	17.1		mg/kg	2.20	0.212	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Potassium, Total	710		mg/kg	220	12.6	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Selenium, Total	0.676	J	mg/kg	1.76	0.226	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.878	0.248	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Sodium, Total	1370		mg/kg	176	2.76	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.76	0.276	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Vanadium, Total	74.9		mg/kg	0.878	0.178	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
Zinc, Total	382		mg/kg	4.39	0.257	2	10/15/18 17:20	10/17/18 21:00	EPA 3050B	1,6010D	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	13	J	mg/kg	0.90	0.90	1		10/17/18 21:00	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-08 Date Collected: 10/09/18 12:40

Client ID: B-5 (9-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5090		mg/kg	11.7	3.17	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Antimony, Total	2.44	J	mg/kg	5.87	0.446	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Arsenic, Total	15.7		mg/kg	1.17	0.244	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Barium, Total	51.3		mg/kg	1.17	0.204	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Beryllium, Total	0.575	J	mg/kg	0.587	0.039	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Cadmium, Total	10.5		mg/kg	1.17	0.115	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Calcium, Total	7490		mg/kg	11.7	4.11	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Chromium, Total	18.8		mg/kg	1.17	0.113	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Cobalt, Total	9.25		mg/kg	2.35	0.195	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Copper, Total	166		mg/kg	1.17	0.303	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Iron, Total	74400		mg/kg	58.7	10.6	20	10/15/18 17:20	10/18/18 02:30	EPA 3050B	1,6010D	AB
Lead, Total	1060		mg/kg	5.87	0.315	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Magnesium, Total	1210		mg/kg	11.7	1.81	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Manganese, Total	846		mg/kg	1.17	0.187	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Mercury, Total	27.4		mg/kg	0.967	0.204	10	10/16/18 04:00	10/16/18 20:51	EPA 7471B	1,7471B	EA
Nickel, Total	11.6		mg/kg	2.94	0.284	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Potassium, Total	402		mg/kg	294	16.9	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Selenium, Total	1.40	J	mg/kg	2.35	0.303	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Silver, Total	0.611	J	mg/kg	1.17	0.332	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Sodium, Total	464		mg/kg	235	3.70	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Thallium, Total	0.892	J	mg/kg	2.35	0.370	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Vanadium, Total	32.1		mg/kg	1.17	0.238	2	10/15/18 17:20	10/17/18 21:04	EPA 3050B	1,6010D	AB
Zinc, Total	4610		mg/kg	58.7	3.44	20	10/15/18 17:20	10/18/18 02:30	EPA 3050B	1,6010D	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	19		mg/kg	1.2	1.2	1		10/17/18 21:04	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-09 Date Collected: 10/09/18 14:20

Client ID: B-6 (9-10) Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 61%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3950		mg/kg	12.3	3.32	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	6.16	0.468	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Arsenic, Total	8.89		mg/kg	1.23	0.256	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Barium, Total	79.0		mg/kg	1.23	0.214	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Beryllium, Total	0.148	J	mg/kg	0.616	0.041	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Cadmium, Total	5.68		mg/kg	1.23	0.121	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Calcium, Total	5750		mg/kg	12.3	4.31	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Chromium, Total	14.2		mg/kg	1.23	0.118	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Cobalt, Total	6.01		mg/kg	2.46	0.204	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Copper, Total	38.7		mg/kg	1.23	0.318	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Iron, Total	54000		mg/kg	6.16	1.11	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Lead, Total	760		mg/kg	6.16	0.330	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Magnesium, Total	1330		mg/kg	12.3	1.90	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Manganese, Total	386		mg/kg	1.23	0.196	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Mercury, Total	1.38		mg/kg	0.103	0.022	1	10/16/18 04:00	10/16/18 18:36	EPA 7471B	1,7471B	EA
Nickel, Total	10.7		mg/kg	3.08	0.298	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Potassium, Total	451		mg/kg	308	17.7	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Selenium, Total	0.456	J	mg/kg	2.46	0.318	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	1.23	0.348	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Sodium, Total	297		mg/kg	246	3.88	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Thallium, Total	0.394	J	mg/kg	2.46	0.388	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Vanadium, Total	21.6		mg/kg	1.23	0.250	2	10/15/18 17:20	10/17/18 21:09	EPA 3050B	1,6010D	AB
Zinc, Total	2770		mg/kg	61.6	3.61	20	10/15/18 17:20	10/18/18 02:35	EPA 3050B	1,6010D	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	14		mg/kg	1.3	1.3	1		10/17/18 21:09	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-10 Date Collected: 10/09/18 13:10

Client ID: GW-1 Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	57.6		mg/l	0.0100	0.00327	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Antimony, Total	0.00189	J	mg/l	0.00400	0.00042	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Arsenic, Total	0.07507		mg/l	0.00050	0.00016	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Barium, Total	3.274		mg/l	0.00050	0.00017	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00653		mg/l	0.00050	0.00010	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Cadmium, Total	0.03259		mg/l	0.00020	0.00005	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Calcium, Total	260.		mg/l	0.100	0.0394	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Chromium, Total	0.2716		mg/l	0.00100	0.00017	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Cobalt, Total	0.1065		mg/l	0.00050	0.00016	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Copper, Total	2.134		mg/l	0.00100	0.00038	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Iron, Total	457.		mg/l	0.0500	0.0191	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Lead, Total	13.11		mg/l	0.05000	0.01715	50	10/17/18 13:42	10/18/18 11:29	EPA 3005A	1,6020B	AM
Magnesium, Total	79.3		mg/l	0.0700	0.0242	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Manganese, Total	9.073		mg/l	0.05000	0.02200	50	10/17/18 13:42	10/18/18 11:29	EPA 3005A	1,6020B	AM
Mercury, Total	0.00250		mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 16:06	EPA 7470A	1,7470A	MG
Nickel, Total	0.2667		mg/l	0.00200	0.00055	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Potassium, Total	14.7		mg/l	0.100	0.0309	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Selenium, Total	0.00981		mg/l	0.00500	0.00173	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Silver, Total	0.00019	J	mg/l	0.00040	0.00016	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Sodium, Total	66.1		mg/l	0.100	0.0293	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Thallium, Total	0.00098		mg/l	0.00050	0.00014	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Vanadium, Total	0.4024		mg/l	0.00500	0.00157	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
Zinc, Total	7.233		mg/l	0.01000	0.00341	1	10/17/18 13:42	10/18/18 10:52	EPA 3005A	1,6020B	AM
General Chemistry - Mansfield Lab											
Chromium, Trivalent	0.272		mg/l	0.010	0.010	1		10/18/18 10:52	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-10 Date Collected: 10/09/18 13:10

Client ID: GW-1 Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.159		mg/l	0.0500	0.0164	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00649	J	mg/l	0.02000	0.00214	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00765		mg/l	0.00250	0.00082	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.1511		mg/l	0.00250	0.00086	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00250	0.00053	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00100	0.00029	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Calcium, Dissolved	85.2		mg/l	0.500	0.197	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00154	J	mg/l	0.00500	0.00089	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	ND		mg/l	0.00250	0.00081	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00273	J	mg/l	0.00500	0.00192	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.444		mg/l	0.250	0.0955	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Lead, Dissolved	0.00696		mg/l	0.00500	0.00171	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	19.5		mg/l	0.350	0.121	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.5711		mg/l	0.00500	0.00220	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Mercury, Dissolved	0.00007	J	mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 16:49	EPA 7470A	1,7470A	MG
Nickel, Dissolved	ND		mg/l	0.01000	0.00278	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Potassium, Dissolved	10.2		mg/l	0.500	0.154	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.0250	0.00865	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00200	0.00081	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Sodium, Dissolved	52.8		mg/l	0.500	0.146	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00250	0.00071	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.02500	0.00785	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.05000	0.01705	1	10/18/18 09:35	10/18/18 14:08	EPA 3005A	1,6020B	AM

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-11 Date Collected: 10/09/18 13:45

Client ID: GW-2 Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	52.1		mg/l	0.0100	0.00327	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Antimony, Total	0.00079	J	mg/l	0.00400	0.00042	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Arsenic, Total	0.03852		mg/l	0.00050	0.00016	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Barium, Total	1.807		mg/l	0.00050	0.00017	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00356		mg/l	0.00050	0.00010	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00645		mg/l	0.00020	0.00005	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Calcium, Total	158.		mg/l	0.100	0.0394	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Chromium, Total	0.2488		mg/l	0.00100	0.00017	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Cobalt, Total	0.08030		mg/l	0.00050	0.00016	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Copper, Total	0.4753		mg/l	0.00100	0.00038	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Iron, Total	199.		mg/l	0.0500	0.0191	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Lead, Total	3.891		mg/l	0.00100	0.00034	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Magnesium, Total	68.1		mg/l	0.0700	0.0242	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Manganese, Total	4.732		mg/l	0.00100	0.00044	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Mercury, Total	0.00190		mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 16:08	EPA 7470A	1,7470A	MG
Nickel, Total	0.1598		mg/l	0.00200	0.00055	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Potassium, Total	17.7		mg/l	0.100	0.0309	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Selenium, Total	0.00932		mg/l	0.00500	0.00173	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Silver, Total	0.00021	J	mg/l	0.00040	0.00016	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Sodium, Total	82.8		mg/l	0.100	0.0293	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Thallium, Total	0.00070		mg/l	0.00050	0.00014	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Vanadium, Total	0.4230		mg/l	0.00500	0.00157	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
Zinc, Total	1.368		mg/l	0.01000	0.00341	1	10/17/18 13:42	10/18/18 10:57	EPA 3005A	1,6020B	AM
General Chemistry - Mansfield Lab											
Chromium, Trivalent	0.249		mg/l	0.010	0.010	1		10/18/18 10:57	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-11 Date Collected: 10/09/18 13:45

Client ID: GW-2 Date Received: 10/09/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0266		mg/l	0.0100	0.00327	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00232	J	mg/l	0.00400	0.00042	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00505		mg/l	0.00050	0.00016	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.2330		mg/l	0.00050	0.00017	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Calcium, Dissolved	106.		mg/l	0.100	0.0394	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00034	J	mg/l	0.00100	0.00017	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00176		mg/l	0.00050	0.00016	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00112		mg/l	0.00100	0.00038	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.185		mg/l	0.0500	0.0191	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Lead, Dissolved	0.00126		mg/l	0.00100	0.00034	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	25.0		mg/l	0.0700	0.0242	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Manganese, Dissolved	1.183		mg/l	0.00100	0.00044	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 16:44	EPA 7470A	1,7470A	MG
Nickel, Dissolved	0.00577		mg/l	0.00200	0.00055	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Potassium, Dissolved	13.0		mg/l	0.100	0.0309	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Sodium, Dissolved	81.9		mg/l	0.100	0.0293	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	0.00227	J	mg/l	0.00500	0.00157	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.00824	J	mg/l	0.01000	0.00341	1	10/18/18 12:27	10/18/18 15:12	EPA 3005A	1,6020B	AM

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1840781
Report Date: 10/22/18

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): 01-09 Batch: WG1168242-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Calcium, Total	2.36	J	mg/kg	4.00	1.40	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Iron, Total	1.01	J	mg/kg	2.00	0.361	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Potassium, Total	ND		mg/kg	100	5.76	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Sodium, Total	ND		mg/kg	80.0	1.26	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/15/18 17:20	10/17/18 19:47	1,6010D	AB

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): 01-09 Batch: WG1168390-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	10/16/18 04:00	10/16/18 17:51	1,7471B	EA

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 10-11 Batch: WG1168702-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 16:41	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 10-11 Batch: WG1168703-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 15:56	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 10-11 Batch: WG1169150-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Antimony, Total	0.00045	J	mg/l	0.00400	0.00042	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Iron, Total	0.0206	J	mg/l	0.0500	0.0191	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Magnesium, Total	ND	mg/l	0.0700	0.0242	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Manganese, Total	ND	mg/l	0.00100	0.00044	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Nickel, Total	ND	mg/l	0.00200	0.00055	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Potassium, Total	ND	mg/l	0.100	0.0309	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Selenium, Total	ND	mg/l	0.00500	0.00173	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Silver, Total	ND	mg/l	0.00040	0.00016	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Sodium, Total	ND	mg/l	0.100	0.0293	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Thallium, Total	ND	mg/l	0.00050	0.00014	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Zinc, Total	ND	mg/l	0.01000	0.00341	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 10 Batch: WG1169475-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Sodium, Dissolved	0.0532	J	mg/l	0.100	0.0293	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM

Project Name: ALEXANDER ST. **Lab Number:** L1840781

Project Number: 25720.00 **Report Date:** 10/22/18

Method Blank Analysis
Batch Quality Control

Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/18/18 09:35	10/18/18 13:41	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 11 Batch: WG1169648-1										
Aluminum, Dissolved	0.00469	J	mg/l	0.0100	0.00327	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Antimony, Dissolved	0.00108	J	mg/l	0.00400	0.00042	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Sodium, Dissolved	0.0776	J	mg/l	0.100	0.0293	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/18/18 12:27	10/18/18 14:36	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1168242-2 SRM Lot Number: D102-540								
Aluminum, Total	71		-		49-150	-		
Antimony, Total	128		-		1-199	-		
Arsenic, Total	87		-		83-117	-		
Barium, Total	88		-		83-118	-		
Beryllium, Total	87		-		83-116	-		
Cadmium, Total	90		-		83-118	-		
Calcium, Total	83		-		82-118	-		
Chromium, Total	85		-		83-117	-		
Cobalt, Total	86		-		84-116	-		
Copper, Total	84		-		84-116	-		
Iron, Total	85		-		61-139	-		
Lead, Total	85		-		82-118	-		
Magnesium, Total	77		-		76-124	-		
Manganese, Total	89		-		82-118	-		
Nickel, Total	87		-		83-117	-		
Potassium, Total	74		-		70-130	-		
Selenium, Total	90		-		79-121	-		
Silver, Total	86		-		80-120	-		
Sodium, Total	91		-		74-126	-		
Thallium, Total	90		-		81-119	-		
Vanadium, Total	85		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1168242-2 SRM Lot Number: D102-540					
Zinc, Total	85	-	81-118	-	
Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1168390-2 SRM Lot Number: D102-540					
Mercury, Total	99	-	65-134	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 10-11 Batch: WG1168702-2					
Mercury, Dissolved	113	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 10-11 Batch: WG1168703-2					
Mercury, Total	110	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10-11 Batch: WG1169150-2					
Aluminum, Total	100	-	80-120	-	
Antimony, Total	96	-	80-120	-	
Arsenic, Total	102	-	80-120	-	
Barium, Total	103	-	80-120	-	
Beryllium, Total	103	-	80-120	-	
Cadmium, Total	112	-	80-120	-	
Calcium, Total	102	-	80-120	-	
Chromium, Total	102	-	80-120	-	
Cobalt, Total	104	-	80-120	-	
Copper, Total	103	-	80-120	-	
Iron, Total	118	-	80-120	-	
Lead, Total	102	-	80-120	-	
Magnesium, Total	101	-	80-120	-	
Manganese, Total	99	-	80-120	-	
Nickel, Total	105	-	80-120	-	
Potassium, Total	96	-	80-120	-	
Selenium, Total	104	-	80-120	-	
Silver, Total	104	-	80-120	-	
Sodium, Total	93	-	80-120	-	
Thallium, Total	98	-	80-120	-	
Vanadium, Total	104	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10-11 Batch: WG1169150-2					
Zinc, Total	110	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 10 Batch: WG1169475-2					
Aluminum, Dissolved	97	-	80-120	-	
Antimony, Dissolved	91	-	80-120	-	
Arsenic, Dissolved	98	-	80-120	-	
Barium, Dissolved	100	-	80-120	-	
Beryllium, Dissolved	100	-	80-120	-	
Cadmium, Dissolved	116	-	80-120	-	
Calcium, Dissolved	99	-	80-120	-	
Chromium, Dissolved	98	-	80-120	-	
Cobalt, Dissolved	100	-	80-120	-	
Copper, Dissolved	99	-	80-120	-	
Iron, Dissolved	109	-	80-120	-	
Lead, Dissolved	107	-	80-120	-	
Magnesium, Dissolved	100	-	80-120	-	
Manganese, Dissolved	95	-	80-120	-	
Nickel, Dissolved	102	-	80-120	-	
Potassium, Dissolved	94	-	80-120	-	
Selenium, Dissolved	98	-	80-120	-	
Silver, Dissolved	87	-	80-120	-	
Sodium, Dissolved	99	-	80-120	-	
Thallium, Dissolved	102	-	80-120	-	
Vanadium, Dissolved	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 10 Batch: WG1169475-2					
Zinc, Dissolved	106	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 11 Batch: WG1169648-2					
Aluminum, Dissolved	97	-	80-120	-	
Antimony, Dissolved	94	-	80-120	-	
Arsenic, Dissolved	98	-	80-120	-	
Barium, Dissolved	99	-	80-120	-	
Beryllium, Dissolved	101	-	80-120	-	
Cadmium, Dissolved	106	-	80-120	-	
Calcium, Dissolved	93	-	80-120	-	
Chromium, Dissolved	99	-	80-120	-	
Cobalt, Dissolved	100	-	80-120	-	
Copper, Dissolved	96	-	80-120	-	
Iron, Dissolved	111	-	80-120	-	
Lead, Dissolved	110	-	80-120	-	
Magnesium, Dissolved	100	-	80-120	-	
Manganese, Dissolved	96	-	80-120	-	
Nickel, Dissolved	102	-	80-120	-	
Potassium, Dissolved	99	-	80-120	-	
Selenium, Dissolved	98	-	80-120	-	
Silver, Dissolved	84	-	80-120	-	
Sodium, Dissolved	99	-	80-120	-	
Thallium, Dissolved	104	-	80-120	-	
Vanadium, Dissolved	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 11 Batch: WG1169648-2					
Zinc, Dissolved	107	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

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): 01-09 QC Batch ID: WG1168242-3 QC Sample: L1840737-06 Client ID: MS Sample												
Aluminum, Total	14500	192	15700	**625**	Q	-	-		75-125	-		20
Antimony, Total	ND	48	37.3	78		-	-		75-125	-		20
Arsenic, Total	5.24	11.5	15.5	89		-	-		75-125	-		20
Barium, Total	37.0	192	207	88		-	-		75-125	-		20
Beryllium, Total	0.297J	4.8	4.48	93		-	-		75-125	-		20
Cadmium, Total	0.125J	4.9	4.50	92		-	-		75-125	-		20
Calcium, Total	1750	960	2080	**34**	Q	-	-		75-125	-		20
Chromium, Total	17.7	19.2	34.8	89		-	-		75-125	-		20
Cobalt, Total	2.66	48	42.4	83		-	-		75-125	-		20
Copper, Total	8.14	24	29.3	88		-	-		75-125	-		20
Iron, Total	12300	96	12900	**625**	Q	-	-		75-125	-		20
Lead, Total	8.82	49	50.4	85		-	-		75-125	-		20
Magnesium, Total	1720	960	2490	80		-	-		75-125	-		20
Manganese, Total	62.8	48	101	80		-	-		75-125	-		20
Nickel, Total	5.43	48	44.6	82		-	-		75-125	-		20
Potassium, Total	453.	960	1360	94		-	-		75-125	-		20
Selenium, Total	ND	11.5	9.81	85		-	-		75-125	-		20
Silver, Total	ND	28.8	28.8	100		-	-		75-125	-		20
Sodium, Total	591.	960	1450	89		-	-		75-125	-		20
Thallium, Total	ND	11.5	8.92	77		-	-		75-125	-		20
Vanadium, Total	28.2	48	72.4	92		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

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): 01-09 QC Batch ID: WG1168242-3 QC Sample: L1840737-06 Client ID: MS Sample										
Zinc, Total	18.1	48	60.2	88	-	-		75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1168390-3 WG1168390-4 QC Sample: L1840931-05 Client ID: MS Sample										
Mercury, Total	0.319	0.152	0.460	93	0.430	**72**	Q	80-120	7	20
Dissolved Metals - Mansfield Lab Associated sample(s): 10-11 QC Batch ID: WG1168702-3 QC Sample: L1840781-11 Client ID: GW-2										
Mercury, Dissolved	ND	0.005	0.00502	100	-	-		75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 10-11 QC Batch ID: WG1168703-3 WG1168703-4 QC Sample: L1841367-01 Client ID: MS Sample										
Mercury, Total	0.00109	0.005	0.00626	103	0.00609	100		75-125	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

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): 10-11 QC Batch ID: WG1169150-3 QC Sample: L1840676-01 Client ID: MS Sample									
Aluminum, Total	0.059	2	2.03	98	-	-	75-125	-	20
Antimony, Total	0.0005J	0.5	0.4960	99	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.1241	103	-	-	75-125	-	20
Barium, Total	0.0368	2	2.061	101	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05303	106	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.05648	111	-	-	75-125	-	20
Calcium, Total	15.8	10	25.0	92	-	-	75-125	-	20
Chromium, Total	0.0004J	0.2	0.2018	101	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.5063	101	-	-	75-125	-	20
Copper, Total	0.0004J	0.25	0.2525	101	-	-	75-125	-	20
Iron, Total	0.0866	1	1.19	110	-	-	75-125	-	20
Lead, Total	ND	0.51	0.5878	115	-	-	75-125	-	20
Magnesium, Total	5.66	10	15.6	99	-	-	75-125	-	20
Manganese, Total	0.00301	0.5	0.4801	95	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.5163	103	-	-	75-125	-	20
Potassium, Total	0.450	10	9.83	94	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.123	102	-	-	75-125	-	20
Silver, Total	ND	0.05	0.05127	102	-	-	75-125	-	20
Sodium, Total	1.64	10	10.9	93	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1324	110	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5050	101	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

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): 10-11 QC Batch ID: WG1169150-3 QC Sample: L1840676-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5362	107	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

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): 10 QC Batch ID: WG1169475-3 QC Sample: L1841983-01 Client ID: MS Sample										
Aluminum, Dissolved	0.065	2	1.99	96		-	-	75-125	-	20
Antimony, Dissolved	0.0022J	0.5	0.3997	80		-	-	75-125	-	20
Arsenic, Dissolved	0.1079	0.12	0.2236	96		-	-	75-125	-	20
Barium, Dissolved	0.1155	2	2.103	99		-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.04789	96		-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.05317	104		-	-	75-125	-	20
Calcium, Dissolved	68.3	10	80.0	117		-	-	75-125	-	20
Chromium, Dissolved	0.03960	0.2	0.2384	99		-	-	75-125	-	20
Cobalt, Dissolved	0.0089	0.5	0.5080	100		-	-	75-125	-	20
Copper, Dissolved	0.00351J	0.25	0.2474	99		-	-	75-125	-	20
Iron, Dissolved	3.21	1	4.24	103		-	-	75-125	-	20
Lead, Dissolved	ND	0.51	0.6041	118		-	-	75-125	-	20
Magnesium, Dissolved	89.4	10	100	106		-	-	75-125	-	20
Manganese, Dissolved	0.3427	0.5	0.8204	96		-	-	75-125	-	20
Nickel, Dissolved	0.00515J	0.5	0.5000	100		-	-	75-125	-	20
Potassium, Dissolved	165.	10	168	**30**	Q	-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.110	92		-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.04207	84		-	-	75-125	-	20
Sodium, Dissolved	1580	10	1600	**200**	Q	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1378	115		-	-	75-125	-	20
Vanadium, Dissolved	0.0706	0.5	0.5707	100		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

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): 10 QC Batch ID: WG1169475-3 QC Sample: L1841983-01 Client ID: MS Sample									
Zinc, Dissolved	0.02401J	0.5	0.5427	108	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

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): 11 QC Batch ID: WG1169648-3 QC Sample: L1840781-11 Client ID: GW-2										
Aluminum, Dissolved	0.0266	2	2.21	109		-	-	75-125	-	20
Antimony, Dissolved	0.00232J	0.5	0.5789	116		-	-	75-125	-	20
Arsenic, Dissolved	0.00505	0.12	0.1335	107		-	-	75-125	-	20
Barium, Dissolved	0.2330	2	2.392	108		-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05365	107		-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.05690	112		-	-	75-125	-	20
Calcium, Dissolved	106.	10	124	**180**	Q	-	-	75-125	-	20
Chromium, Dissolved	0.00034J	0.2	0.2124	106		-	-	75-125	-	20
Cobalt, Dissolved	0.00176	0.5	0.5394	108		-	-	75-125	-	20
Copper, Dissolved	0.00112	0.25	0.2619	104		-	-	75-125	-	20
Iron, Dissolved	0.185	1	1.36	118		-	-	75-125	-	20
Lead, Dissolved	0.00126	0.51	0.6064	119		-	-	75-125	-	20
Magnesium, Dissolved	25.0	10	38.0	**130**	Q	-	-	75-125	-	20
Manganese, Dissolved	1.183	0.5	1.760	115		-	-	75-125	-	20
Nickel, Dissolved	0.00577	0.5	0.5458	108		-	-	75-125	-	20
Potassium, Dissolved	13.0	10	25.2	122		-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.128	107		-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.04631	93		-	-	75-125	-	20
Sodium, Dissolved	81.9	10	85.4	**35**	Q	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1360	113		-	-	75-125	-	20
Vanadium, Dissolved	0.00227J	0.5	0.5472	109		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

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): 11 QC Batch ID: WG1169648-3 QC Sample: L1840781-11 Client ID: GW-2									
Zinc, Dissolved	0.00824J	0.5	0.5714	114	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1168242-4 QC Sample: L1840737-06 Client ID: DUP Sample						
Aluminum, Total	14500	14600	mg/kg	1		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	5.24	5.39	mg/kg	3		20
Barium, Total	37.0	36.6	mg/kg	1		20
Beryllium, Total	0.297J	0.268J	mg/kg	NC		20
Cadmium, Total	0.125J	0.124J	mg/kg	NC		20
Calcium, Total	1750	1410	mg/kg	**22**	Q	20
Chromium, Total	17.7	17.1	mg/kg	3		20
Cobalt, Total	2.66	2.48	mg/kg	7		20
Copper, Total	8.14	7.85	mg/kg	4		20
Iron, Total	12300	12600	mg/kg	2		20
Lead, Total	8.82	8.36	mg/kg	5		20
Magnesium, Total	1720	1670	mg/kg	3		20
Manganese, Total	62.8	59.2	mg/kg	6		20
Nickel, Total	5.43	5.14	mg/kg	5		20
Potassium, Total	453.	440	mg/kg	3		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	591.	591	mg/kg	0		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1168242-4 QC Sample: L1840737-06 Client ID: DUP Sample						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	28.2	27.3	mg/kg	3		20
Zinc, Total	18.1	17.4	mg/kg	4		20
Dissolved Metals - Mansfield Lab Associated sample(s): 10-11 QC Batch ID: WG1168702-4 QC Sample: L1840781-11 Client ID: GW-2						
Mercury, Dissolved	ND	0.00007J	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 10-11 QC Batch ID: WG1169150-4 QC Sample: L1840676-01 Client ID: DUP Sample						
Arsenic, Total	ND	0.00018J	mg/l	NC		20
Calcium, Total	15.8	15.7	mg/l	1		20
Iron, Total	0.0866	0.111	mg/l	**25**	Q	20
Magnesium, Total	5.66	5.68	mg/l	0		20
Manganese, Total	0.00301	0.00300	mg/l	0		20
Potassium, Total	0.450	0.450	mg/l	0		20
Sodium, Total	1.64	1.65	mg/l	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 10 QC Batch ID: WG1169475-4 QC Sample: L1841983-01 Client ID: DUP Sample						
Barium, Dissolved	0.1155	0.1227	mg/l	6		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Calcium, Dissolved	68.3	71.9	mg/l	5		20
Chromium, Dissolved	0.03960	0.05036	mg/l	**24**	Q	20
Copper, Dissolved	0.00351J	0.00407J	mg/l	NC		20
Iron, Dissolved	3.21	3.55	mg/l	10		20
Lead, Dissolved	ND	0.00190J	mg/l	NC		20
Manganese, Dissolved	0.3427	0.3600	mg/l	5		20
Nickel, Dissolved	0.00515J	0.00489J	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Sodium, Dissolved	1580	1670	mg/l	6		20
Zinc, Dissolved	0.02401J	0.04142J	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 11 QC Batch ID: WG1169648-4 QC Sample: L1840781-11 Client ID: GW-2						
Aluminum, Dissolved	0.0266	0.0161	mg/l	**49**	Q	20
Antimony, Dissolved	0.00232J	0.00242J	mg/l	NC		20
Arsenic, Dissolved	0.00505	0.00513	mg/l	1		20
Barium, Dissolved	0.2330	0.2372	mg/l	2		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Calcium, Dissolved	106.	106	mg/l	0		20
Chromium, Dissolved	0.00034J	0.00031J	mg/l	NC		20
Cobalt, Dissolved	0.00176	0.00153	mg/l	14		20
Copper, Dissolved	0.00112	0.00091J	mg/l	NC		20
Iron, Dissolved	0.185	0.205	mg/l	10		20
Lead, Dissolved	0.00126	0.00130	mg/l	2		20
Magnesium, Dissolved	25.0	25.3	mg/l	1		20
Manganese, Dissolved	1.183	1.193	mg/l	1		20
Nickel, Dissolved	0.00577	0.00557	mg/l	4		20
Potassium, Dissolved	13.0	13.0	mg/l	0		20
Selenium, Dissolved	ND	ND	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Sodium, Dissolved	81.9	82.6	mg/l	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 11 QC Batch ID: WG1169648-4 QC Sample: L1840781-11 Client ID: GW-2					
Thallium, Dissolved	ND	0.00034J	mg/l	NC	20
Vanadium, Dissolved	0.00227J	0.00212J	mg/l	NC	20
Zinc, Dissolved	0.00824J	0.00792J	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1840781
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-01
Client ID: B-1 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701
Sample Depth:
Matrix: Soil

Date Collected: 10/09/18 08:35
Date Received: 10/09/18
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	85.2		%	0.100	NA	1	-	10/10/18 03:11	121,2540G	FN
Cyanide, Total	ND		mg/kg	1.1	0.24	1	10/11/18 09:35	10/11/18 12:01	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.939	0.188	1	10/10/18 22:50	10/11/18 23:50	1,7196A	AJ

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1840781
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-02
Client ID: B-1 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701
Sample Depth:
Matrix: Soil
Date Collected: 10/09/18 08:45
Date Received: 10/09/18
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	81.6		%	0.100	NA	1	-	10/10/18 03:11	121,2540G	FN
Cyanide, Total	ND		mg/kg	1.1	0.24	1	10/11/18 09:35	10/11/18 12:06	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.980	0.196	1	10/10/18 22:50	10/11/18 23:50	1,7196A	AJ

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1840781
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-03
Client ID: B-2 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701
Sample Depth:
Matrix: Soil

Date Collected: 10/09/18 09:45
Date Received: 10/09/18
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	81.5		%	0.100	NA	1	-	10/10/18 03:11	121,2540G	FN
Cyanide, Total	ND		mg/kg	1.1	0.24	1	10/11/18 09:35	10/11/18 12:07	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.982	0.196	1	10/10/18 22:50	10/11/18 23:50	1,7196A	AJ

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1840781
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-04
Client ID: B-2 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701
Sample Depth:
Matrix: Soil

Date Collected: 10/09/18 09:50
Date Received: 10/09/18
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	78.3		%	0.100	NA	1	-	10/10/18 03:11	121,2540G	FN
Cyanide, Total	ND		mg/kg	1.2	0.25	1	10/11/18 09:35	10/11/18 12:08	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	1.02	0.204	1	10/10/18 22:50	10/11/18 23:50	1,7196A	AJ

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1840781
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-05
Client ID: B-3 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701
Sample Depth:
Matrix: Soil

Date Collected: 10/09/18 09:55
Date Received: 10/09/18
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	86.6		%	0.100	NA	1	-	10/10/18 03:11	121,2540G	FN
Cyanide, Total	ND		mg/kg	1.4	0.29	1.2	10/11/18 09:35	10/11/18 12:10	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.924	0.185	1	10/10/18 22:50	10/11/18 23:50	1,7196A	AJ

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1840781
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-06
Client ID: B-3 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701
Sample Depth:
Matrix: Soil

Date Collected: 10/09/18 10:07
Date Received: 10/09/18
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	66.2		%	0.100	NA	1	-	10/10/18 03:11	121,2540G	FN
Cyanide, Total	ND		mg/kg	1.4	0.30	1	10/11/18 09:35	10/11/18 12:11	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	1.21	0.242	1	10/10/18 22:50	10/11/18 23:50	1,7196A	AJ

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1840781
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-07
Client ID: B-4 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701
Sample Depth:
Matrix: Soil

Date Collected: 10/09/18 11:30
Date Received: 10/09/18
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	88.7		%	0.100	NA	1	-	10/10/18 03:11	121,2540G	FN
Cyanide, Total	0.94	J	mg/kg	1.1	0.23	1	10/11/18 09:35	10/11/18 12:12	1,9010C/9012B	LH
Chromium, Hexavalent	0.598	J	mg/kg	0.902	0.180	1	10/10/18 22:50	10/11/18 23:50	1,7196A	AJ

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1840781
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-08
Client ID: B-5 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701
Sample Depth:
Matrix: Soil

Date Collected: 10/09/18 12:40
Date Received: 10/09/18
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	64.8		%	0.100	NA	1	-	10/10/18 03:11	121,2540G	FN
Cyanide, Total	1.9		mg/kg	1.5	0.31	1	10/11/18 09:35	10/11/18 12:24	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	1.23	0.247	1	10/10/18 22:50	10/11/18 23:50	1,7196A	AJ

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1840781
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-09
Client ID: B-6 (9-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701
Sample Depth:
Matrix: Soil
Date Collected: 10/09/18 14:20
Date Received: 10/09/18
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	61.2		%	0.100	NA	1	-	10/10/18 03:11	121,2540G	FN
Cyanide, Total	ND		mg/kg	1.5	0.32	1	10/11/18 09:35	10/11/18 12:14	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	1.31	0.261	1	10/10/18 22:50	10/11/18 23:50	1,7196A	AJ

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-10
Client ID: GW-1
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 13:10
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.009		mg/l	0.005	0.001	1	10/10/18 14:40	10/11/18 11:34	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	10/10/18 03:00	10/10/18 04:54	1,7196A	MA

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

SAMPLE RESULTS

Lab ID: L1840781-11
Client ID: GW-2
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/09/18 13:45
Date Received: 10/09/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	10/10/18 14:40	10/11/18 11:35	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	10/10/18 03:00	10/10/18 04:55	1,7196A	MA

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1840781
Report Date: 10/22/18

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): 10 Batch: WG1166209-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	10/10/18 03:00	10/10/18 04:44	1,7196A	MA
General Chemistry - Westborough Lab for sample(s): 11 Batch: WG1166211-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	10/10/18 03:00	10/10/18 04:44	1,7196A	MA
General Chemistry - Westborough Lab for sample(s): 10-11 Batch: WG1166495-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/10/18 14:40	10/11/18 11:15	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 01-09 Batch: WG1166540-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	10/11/18 09:35	10/11/18 11:57	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 01-09 Batch: WG1166714-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	10/10/18 22:50	10/11/18 23:50	1,7196A	AJ

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 10 Batch: WG1166209-2								
Chromium, Hexavalent	93		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 11 Batch: WG1166211-2								
Chromium, Hexavalent	93		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 10-11 Batch: WG1166495-2 WG1166495-3								
Cyanide, Total	96		99		85-115	3		20
General Chemistry - Westborough Lab Associated sample(s): 01-09 Batch: WG1166540-2 WG1166540-3								
Cyanide, Total	**44**	Q	88		80-120	**66**	Q	35
General Chemistry - Westborough Lab Associated sample(s): 01-09 Batch: WG1166714-2								
Chromium, Hexavalent	88		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
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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): 10 QC Batch ID: WG1166209-4 QC Sample: L1840781-10 Client ID: GW-1												
Chromium, Hexavalent	ND	0.1	0.101	101		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 11 QC Batch ID: WG1166211-4 QC Sample: L1840781-11 Client ID: GW-2												
Chromium, Hexavalent	ND	0.1	0.103	103		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 10-11 QC Batch ID: WG1166495-4 WG1166495-5 QC Sample: L1840807-01 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.200	100		0.190	95		80-120	5		20
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1166540-4 WG1166540-5 QC Sample: L1840781-01 Client ID: B-1 (0-2)												
Cyanide, Total	ND	11	11	97		11	96		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1166714-4 QC Sample: L1840781-01 Client ID: B-1 (0-2)												
Chromium, Hexavalent	ND	1150	911	79		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1840781

Report Date: 10/22/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1166194-1 QC Sample: L1840781-01 Client ID: B-1 (0-2)						
Solids, Total	85.2	86.5	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 10 QC Batch ID: WG1166209-3 QC Sample: L1840781-10 Client ID: GW-1						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 11 QC Batch ID: WG1166211-3 QC Sample: L1840781-11 Client ID: GW-2						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1166714-6 QC Sample: L1840781-01 Client ID: B-1 (0-2)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ALEXANDER ST.
Project Number: 25720.00

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Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1840781-01A	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-01B	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-01C	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-01D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L1840781-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1840781-01F	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HEXCR-7196(30)
L1840781-01G	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),TRICR-CALC(30),NYTCL-8081(14),NYTCL-8082(14)
L1840781-01X	Vial MeOH preserved split	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-01Y	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-01Z	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-02A	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-02B	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-02C	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-02D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L1840781-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1840781-02F	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HEXCR-7196(30)
L1840781-02G	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),TRICR-CALC(30),NYTCL-8081(14),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1840781-02X	Vial MeOH preserved split	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-02Y	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-02Z	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-03A	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-03B	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-03C	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-03D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L1840781-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1840781-03F	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HEXCR-7196(30)
L1840781-03G	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),TRICR-CALC(30),NYTCL-8081(14),NYTCL-8082(14)
L1840781-03X	Vial MeOH preserved split	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-03Y	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-03Z	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-04A	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-04B	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-04C	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-04D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L1840781-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1840781-04F	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HEXCR-7196(30)
L1840781-04G	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),TRICR-CALC(30),NYTCL-8081(14),NYTCL-8082(14)
L1840781-04X	Vial MeOH preserved split	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-04Y	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-04Z	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1840781-05A	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-05B	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-05C	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-05D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L1840781-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1840781-05F	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HEXCR-7196(30)
L1840781-05G	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),TRICR-CALC(30),NYTCL-8081(14),NYTCL-8082(14)
L1840781-05X	Vial MeOH preserved split	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-05Y	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-05Z	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-06A	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-06B	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-06C	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-06D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L1840781-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1840781-06F	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HEXCR-7196(30)
L1840781-06G	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),TRICR-CALC(30),NYTCL-8081(14),NYTCL-8082(14)
L1840781-06X	Vial MeOH preserved split	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-06Y	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-06Z	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-07A	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-07B	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-07C	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1840781-07D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L1840781-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1840781-07F	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),TRICR-CALC(30),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1840781-07X	Vial MeOH preserved split	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-07Y	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-07Z	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-08A	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-08B	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-08C	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-08D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L1840781-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1840781-08F	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),TRICR-CALC(30),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1840781-08X	Vial MeOH preserved split	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-08Y	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-08Z	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-09A	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-09B	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-09C	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-09D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1840781-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1840781-09F	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),TRICR-CALC(30),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1840781-09X	Vial MeOH preserved split	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1840781-09Y	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-09Z	Vial Water preserved split	A	NA		3.3	Y	Absent	10-OCT-18 14:04	NYTCL-8260HLW(14)
L1840781-10A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1840781-10B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1840781-10C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1840781-10D	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		HEXCR-7196(1)
L1840781-10E	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-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),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1840781-10F	Amber 100ml NaOH preserved	A	7	>12	3.3	N	Absent		TCN-9010(14)
L1840781-10G	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8081(7)
L1840781-10H	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-LVI(7)
L1840781-10I	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-LVI(7)
L1840781-10J	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1840781-10K	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1840781-10W	Plastic 250ml HNO3 preserved Filtrates	A	NA		3.3	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),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1840781
Report Date: 10/22/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1840781-11A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1840781-11B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1840781-11C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1840781-11D	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		HEXCR-7196(1)
L1840781-11E	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-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),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1840781-11F	Amber 100ml NaOH preserved	A	7	>12	3.3	N	Absent		TCN-9010(14)
L1840781-11G	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8081(7)
L1840781-11H	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-LVI(7)
L1840781-11I	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-LVI(7)
L1840781-11J	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1840781-11K	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1840781-11W	Plastic 250ml HNO3 preserved Filtrates	A	NA		3.3	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),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1840781-11W1	Plastic 250ml HNO3 preserved Filtrates	A	NA		3.3	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),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1840781-12A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1840781-12B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ALEXANDER ST.	**Lab Number:**	L1840781
Project Number:	25720.00	**Report Date:**	10/22/18

GLOSSARY

Acronyms

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.
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.
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.
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.

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.

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.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ALEXANDER ST.	**Lab Number:**	L1840781
Project Number:	25720.00	**Report Date:**	10/22/18

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

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.

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.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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.

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).

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:	ALEXANDER ST.	**Lab Number:**	L1840781
Project Number:	25720.00	**Report Date:**	10/22/18

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 6860: SCM: Perchlorate

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**
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.**

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.

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

NEW YORK 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 2

Date Rec'd in Lab: 10/9/18

ALPHA Job #: L1840781

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

Project Information
Project Name: Alexander St.
Project Location: 57 Alexander St, Yonkers, NY 10701
Project #: 25720.00
(Use Project name as Project #) ☐
Project Manager: Jessica Collins
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: VHB
Address: 100 Motor Parkway Hauppauge NY 11788
Phone: 631-787-3400
Fax: —
Email: JStressler@VHB.com

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:

Please specify Metals or TAL.

ANALYSIS: TCL (VOCs + SVOCs) | TAL metals (CR6, CR3 val) | Pesticides + PCBs

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	TCL (VOCs + SVOCs)	TAL metals	Pesticides + PCBs	Sample Specific Comments	Total Bottles
40781 -01	B-1 (0-2)	10/9/18	0835	S	JS	X	X	X	Encores + 4 jars	6
-02	B-1 (8-10)	↓	0845	↓	JS	X	X	X	↓	
-03	B-2 (0-2)		0945		JS	X	X	X		
-04	B-2 (8-10)		0950		JS	X	X	X		
-05	B-3 (0-2)		0955		JS	X	X	X		
-06	B-3 (8-10)		1007		JS	X	X	X		
-07	B-4 (9-10)		1130		JS	X	X	X		
-08	B-5 (9-10)		1240		JS	X	X	X		
-09	B-6 (9-10)		1420		JS	X	X	X		
-10	GW-1		1310	GW	JS	X	X	X		7

	TCL (VOCs + SVOCs)	TAL metals	Pesticides + PCBs
Container Type	G/P	G/P	G/P
Preservative	O	O	O

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
[signature]	10/9/18 1535	D DAAL AAL	10/9/18
Don DAAL	10/9/18 1630	D. Santos AAL	10/9/18 1830
D. Santos AAL	10/9/18 2230	[signature] AAL	10/9/18 2230

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)

ALPHA

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab 10/9/18

ALPHA Job # L1840781

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

Project Information

Project Name: Alexander St.
Project Location: 57 Alexander St, Yonkers, NY 10701
Project # 25720.00
(Use Project name as Project #) ☐
Project Manager: Jessica Collins
ALPHAQuote #:

Turn-Around Time

Standard ☒ 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:

Client Information

Client: VHB
Address: 100 Motor Parkway
Hauppauge NY 11788
Phone: 631-787-3400
Fax: —
Email: JStressler@VHB.com

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

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	TCL (VOCs + SVOCs)	TAL metals (CN, Cr3, Cr6)	Pesticides + PCBs						Sample Specific Comments	Total Bottles
40781 -11	GW-2	10/9/18	13:45	GW	JS	X	X	X							
	Container Type					G/P	G/P								
	Preservative					O	O								

Preservative Code	Container Code
A = None	P = Plastic
B = HCl	A = Amber Glass
C = HNO_3	V = Vial
D = H_2SO_4	G = Glass
E = NaOH	B = Bacteria Cup
F = MeOH	C = Cube
G = $NaHSO_4$	O = Other
H = $Na_2S_2O_3$	E = Encore
K/E = Zn Ac/NaOH	D = BOD Bottle
O = Other	

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	10/9/18 1515	Don Daal	10/9/18 1515
Don Daal	10/9/18 1630	D. Santos AAL	10/9/18 1830
D. Santos AAL	10/9/18 2230	[signature] AAL	10/9/18 2230

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:	L1841053
Client:	VHB Engineering, Surveying and Landscape One Penn Plaza Suite 715 New York, NY 10119-0800
ATTN:	Jessica Collins
Phone:	(646) 809-8042
Project Name:	ALEXANDER ST.
Project Number:	25720.00
Report Date:	10/24/18

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: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1841053-01	B-7 (0-2)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/10/18 08:00	10/10/18
L1841053-02	B-7 (8-10)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/10/18 08:05	10/10/18
L1841053-03	GW-3	WATER	57 ALEXANDER ST., YONKERS, NY 10701	10/10/18 08:55	10/10/18
L1841053-04	B-8 (0-2)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/10/18 09:10	10/10/18
L1841053-05	B-8 (8-10)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/10/18 09:20	10/10/18
L1841053-06	GW-4	WATER	57 ALEXANDER ST., YONKERS, NY 10701	10/10/18 09:40	10/10/18
L1841053-07	B-16 (4-5)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/10/18 10:47	10/10/18
L1841053-08	B-15 (3-5)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/10/18 10:55	10/10/18
L1841053-09	GW-5	WATER	57 ALEXANDER ST., YONKERS, NY 10701	10/10/18 11:00	10/10/18
L1841053-10	B-9 (0-2)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/10/18 13:30	10/10/18
L1841053-11	B-9 (8-10)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/10/18 13:35	10/10/18
L1841053-12	B-10 (6-8)	SOIL	57 ALEXANDER ST., YONKERS, NY 10701	10/10/18 14:35	10/10/18
L1841053-13	TB-1	WATER	57 ALEXANDER ST., YONKERS, NY 10701	10/10/18 00:00	10/10/18
L1841053-14	TB-2	WATER	57 ALEXANDER ST., YONKERS, NY 10701	10/10/18 00:00	10/10/18

Project Name: ALEXANDER ST. **Lab Number:** L1841053
Project Number: 25720.00 **Report Date:** 10/24/18

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name:	ALEXANDER ST.	**Lab Number:**	L1841053
Project Number:	25720.00	**Report Date:**	10/24/18

Case Narrative (continued)

Report Submission

October 24, 2018: This final report includes the results of all requested analyses.

October 23, 2018: This is a preliminary report.

October 19, 2018: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L1841053-13 and -14: The Tripblanks were received empty.

Volatile Organics

L1841053-03: The sample has elevated detection limits due to the dilution required by the sample matrix (oily).

Semivolatile Organics

L1841053-06 and -09: The sample has elevated detection limits due to limited sample volume available for analysis.

The WG1168397-2/-3 LCS/LCSD recoveries, associated with L1841053-03, are below the acceptance criteria for 4-chloroaniline (9%/8%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Semivolatile Organics by SIM

L1841053-03: The sample has elevated detection limits due to the dilution required by the sample matrix.

L1841053-06 and -09: The sample has elevated detection limits due to limited sample volume available for analysis.

Pesticides

L1841053-01, -04, -05, and -11: The sample has elevated detection limits due to the dilution required by the

Project Name:	ALEXANDER ST.	**Lab Number:**	L1841053
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Case Narrative (continued)

sample matrix.

L1841053-02, -03, -07, -08, and -09: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1841053-07: 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.

Total Metals

L1841053-01, -02, -04, -05, -07, -08, -10, -11, and -12: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1168773-3 MS recoveries for aluminum (850%), calcium (0%), iron (1110%), and magnesium (0%), performed on L1841053-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1168773-3 MS recoveries, performed on L1841053-01, are outside the acceptance criteria for copper (184%), potassium (131%), sodium (137%), and thallium (73%). A post digestion spike was performed and was within acceptance criteria.

The WG1168773-3 MS recovery, performed on L1841053-01, is outside the acceptance criteria for lead (51%). A post digestion spike was performed and yielded an unacceptable recovery of 76%. 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 WG1168773-3 MS recovery, performed on L1841053-01, is outside the acceptance criteria for manganese (134%). A post digestion spike was performed and yielded an unacceptable recovery of 62%. 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 WG1168773-4 Laboratory Duplicate RPDs for aluminum (38%), arsenic (23%), calcium (33%), chromium (39%), cobalt (31%), copper (97%), iron (36%), magnesium (23%), nickel (29%), and zinc (43%), performed on L1841053-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-

Project Name: ALEXANDER ST. **Lab Number:** L1841053
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Case Narrative (continued)

homogeneous nature of the native sample.

Dissolved Metals

L1841053-03, -06, and -09 were received at the laboratory requiring filtration for Dissolved Metals; however, the samples were filtered and preserved beyond the recommended 24 hour holding time.

The WG1170061-3 MS recoveries for calcium (135%) and sodium (190%), performed on L1841053-03, do not apply because the sample concentrations are greater than four times the spike amounts added.

Cyanide, Total

The WG1166934-2/-3 LCS/LCSD recoveries (66%/74%), associated with L1841053-01, -02, -04, -05, -07, -08, -10, -11, and -12, 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: Kelly Stenstrom

Title: Technical Director/Representative Date: 10/24/18

ORGANICS

VOLATILES

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-01 Date Collected: 10/10/18 08:00

Client ID: B-7 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/17/18 23:40

Analyst: MV

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.9	4.1	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.26	1
Chloroform	ND		ug/kg	2.7	0.25	1
Carbon tetrachloride	ND		ug/kg	1.8	0.41	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.22	1
Dibromochloromethane	ND		ug/kg	1.8	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.48	1
Tetrachloroethene	ND		ug/kg	0.89	0.35	1
Chlorobenzene	ND		ug/kg	0.89	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.1	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.46	1
1,1,1-Trichloroethane	ND		ug/kg	0.89	0.30	1
Bromodichloromethane	ND		ug/kg	0.89	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.49	1
cis-1,3-Dichloropropene	ND		ug/kg	0.89	0.28	1
1,3-Dichloropropene, Total	ND		ug/kg	0.89	0.28	1
1,1-Dichloropropene	ND		ug/kg	0.89	0.28	1
Bromoform	ND		ug/kg	7.1	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.89	0.30	1
Benzene	ND		ug/kg	0.89	0.30	1
Toluene	ND		ug/kg	1.8	0.97	1
Ethylbenzene	ND		ug/kg	1.8	0.25	1
Chloromethane	ND		ug/kg	7.1	1.7	1
Bromomethane	ND		ug/kg	3.6	1.0	1
Vinyl chloride	ND		ug/kg	1.8	0.60	1
Chloroethane	ND		ug/kg	3.6	0.80	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.42	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.24	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-01 Date Collected: 10/10/18 08:00

Client ID: B-7 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.89	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.6	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	3.6	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	3.6	0.30	1
Methyl tert butyl ether	ND		ug/kg	3.6	0.36	1
p/m-Xylene	ND		ug/kg	3.6	1.0	1
o-Xylene	ND		ug/kg	1.8	0.52	1
Xylenes, Total	ND		ug/kg	1.8	0.52	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.31	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.24	1
Dibromomethane	ND		ug/kg	3.6	0.42	1
Styrene	ND		ug/kg	1.8	0.35	1
Dichlorodifluoromethane	ND		ug/kg	18	1.6	1
Acetone	28		ug/kg	18	8.6	1
Carbon disulfide	ND		ug/kg	18	8.1	1
2-Butanone	ND		ug/kg	18	4.0	1
Vinyl acetate	ND		ug/kg	18	3.8	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	3.6	0.23	1
2-Hexanone	ND		ug/kg	18	2.1	1
Bromochloromethane	ND		ug/kg	3.6	0.36	1
2,2-Dichloropropane	ND		ug/kg	3.6	0.36	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.50	1
1,3-Dichloropropane	ND		ug/kg	3.6	0.30	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.89	0.24	1
Bromobenzene	ND		ug/kg	3.6	0.26	1
n-Butylbenzene	ND		ug/kg	1.8	0.30	1
sec-Butylbenzene	ND		ug/kg	1.8	0.26	1
tert-Butylbenzene	ND		ug/kg	3.6	0.21	1
o-Chlorotoluene	ND		ug/kg	3.6	0.34	1
p-Chlorotoluene	ND		ug/kg	3.6	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.1	0.30	1
Isopropylbenzene	ND		ug/kg	1.8	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.19	1
Naphthalene	ND		ug/kg	7.1	1.2	1
Acrylonitrile	ND		ug/kg	7.1	2.0	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-01 Date Collected: 10/10/18 08:00

Client ID: B-7 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.8	0.30	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.6	0.57	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	0.48	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.6	0.34	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.6	0.60	1
1,4-Dioxane	ND		ug/kg	180	62.	1
p-Diethylbenzene	ND		ug/kg	3.6	0.32	1
p-Ethyltoluene	ND		ug/kg	3.6	0.68	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.6	0.34	1
Ethyl ether	ND		ug/kg	3.6	0.61	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.9	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-02 Date Collected: 10/10/18 08:05
Client ID: B-7 (8-10) Date Received: 10/10/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/18/18 00:06
Analyst: MV
Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.7	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.7	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-02 Date Collected: 10/10/18 08:05

Client ID: B-7 (8-10) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	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	0.74	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	38		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	3.0	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.25	1
p-Chlorotoluene	ND		ug/kg	2.7	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.3	0.86	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-02 Date Collected: 10/10/18 08:05

Client ID: B-7 (8-10) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.44	1
1,4-Dioxane	ND		ug/kg	130	47.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.25	1
Ethyl ether	ND		ug/kg	2.7	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	105		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-03 D
Client ID: GW-3
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 08:55
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/17/18 11:25
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	3.5	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-03 D Date Collected: 10/10/18 08:55

Client ID: GW-3 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
Xylenes, Total	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
1,2-Dichloroethene, Total	ND		ug/l	12	3.5	5
Dibromomethane	ND		ug/l	25	5.0	5
1,2,3-Trichloropropane	ND		ug/l	12	3.5	5
Acrylonitrile	ND		ug/l	25	7.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	5.0	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
2,2-Dichloropropane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,3-Dichloropropane	ND		ug/l	12	3.5	5
1,1,1,2-Tetrachloroethane	ND		ug/l	12	3.5	5
Bromobenzene	ND		ug/l	12	3.5	5
n-Butylbenzene	ND		ug/l	12	3.5	5
sec-Butylbenzene	5.6	J	ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
o-Chlorotoluene	ND		ug/l	12	3.5	5
p-Chlorotoluene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Hexachlorobutadiene	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
Naphthalene	6.4	J	ug/l	12	3.5	5

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-03 D Date Collected: 10/10/18 08:55

Client ID: GW-3 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	ND		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	ND		ug/l	12	3.5	5
1,4-Dioxane	ND		ug/l	1200	300	5
p-Diethylbenzene	ND		ug/l	10	3.5	5
p-Ethyltoluene	ND		ug/l	10	3.5	5
1,2,4,5-Tetramethylbenzene	35		ug/l	10	2.7	5
Ethyl ether	ND		ug/l	12	3.5	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	3.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	86		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-04
Client ID: B-8 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 09:10
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/18/18 00:32
Analyst: MV
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.8	4.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.28	1
Chloroform	ND		ug/kg	2.9	0.27	1
Carbon tetrachloride	ND		ug/kg	2.0	0.45	1
1,2-Dichloropropane	ND		ug/kg	2.0	0.24	1
Dibromochloromethane	ND		ug/kg	2.0	0.27	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.52	1
Tetrachloroethene	ND		ug/kg	0.98	0.38	1
Chlorobenzene	ND		ug/kg	0.98	0.25	1
Trichlorofluoromethane	ND		ug/kg	7.8	1.4	1
1,2-Dichloroethane	ND		ug/kg	2.0	0.50	1
1,1,1-Trichloroethane	ND		ug/kg	0.98	0.33	1
Bromodichloromethane	ND		ug/kg	0.98	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	2.0	0.54	1
cis-1,3-Dichloropropene	ND		ug/kg	0.98	0.31	1
1,3-Dichloropropene, Total	ND		ug/kg	0.98	0.31	1
1,1-Dichloropropene	ND		ug/kg	0.98	0.31	1
Bromoform	ND		ug/kg	7.8	0.48	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.98	0.32	1
Benzene	ND		ug/kg	0.98	0.32	1
Toluene	ND		ug/kg	2.0	1.1	1
Ethylbenzene	ND		ug/kg	2.0	0.28	1
Chloromethane	ND		ug/kg	7.8	1.8	1
Bromomethane	ND		ug/kg	3.9	1.1	1
Vinyl chloride	ND		ug/kg	2.0	0.66	1
Chloroethane	ND		ug/kg	3.9	0.89	1
1,1-Dichloroethene	ND		ug/kg	2.0	0.47	1
trans-1,2-Dichloroethene	ND		ug/kg	2.9	0.27	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-04 Date Collected: 10/10/18 09:10

Client ID: B-8 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.98	0.27	1
1,2-Dichlorobenzene	ND		ug/kg	3.9	0.28	1
1,3-Dichlorobenzene	ND		ug/kg	3.9	0.29	1
1,4-Dichlorobenzene	ND		ug/kg	3.9	0.34	1
Methyl tert butyl ether	ND		ug/kg	3.9	0.39	1
p/m-Xylene	ND		ug/kg	3.9	1.1	1
o-Xylene	ND		ug/kg	2.0	0.57	1
Xylenes, Total	ND		ug/kg	2.0	0.57	1
cis-1,2-Dichloroethene	ND		ug/kg	2.0	0.34	1
1,2-Dichloroethene, Total	ND		ug/kg	2.0	0.27	1
Dibromomethane	ND		ug/kg	3.9	0.47	1
Styrene	ND		ug/kg	2.0	0.38	1
Dichlorodifluoromethane	ND		ug/kg	20	1.8	1
Acetone	14	J	ug/kg	20	9.4	1
Carbon disulfide	ND		ug/kg	20	8.9	1
2-Butanone	ND		ug/kg	20	4.4	1
Vinyl acetate	ND		ug/kg	20	4.2	1
4-Methyl-2-pentanone	ND		ug/kg	20	2.5	1
1,2,3-Trichloropropane	ND		ug/kg	3.9	0.25	1
2-Hexanone	ND		ug/kg	20	2.3	1
Bromochloromethane	ND		ug/kg	3.9	0.40	1
2,2-Dichloropropane	ND		ug/kg	3.9	0.40	1
1,2-Dibromoethane	ND		ug/kg	2.0	0.55	1
1,3-Dichloropropane	ND		ug/kg	3.9	0.33	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.98	0.26	1
Bromobenzene	ND		ug/kg	3.9	0.28	1
n-Butylbenzene	ND		ug/kg	2.0	0.33	1
sec-Butylbenzene	ND		ug/kg	2.0	0.29	1
tert-Butylbenzene	ND		ug/kg	3.9	0.23	1
o-Chlorotoluene	ND		ug/kg	3.9	0.38	1
p-Chlorotoluene	ND		ug/kg	3.9	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.9	2.0	1
Hexachlorobutadiene	ND		ug/kg	7.8	0.33	1
Isopropylbenzene	ND		ug/kg	2.0	0.21	1
p-Isopropyltoluene	ND		ug/kg	2.0	0.21	1
Naphthalene	ND		ug/kg	7.8	1.3	1
Acrylonitrile	ND		ug/kg	7.8	2.2	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-04 Date Collected: 10/10/18 09:10

Client ID: B-8 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.0	0.34	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.9	0.63	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.9	0.53	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.9	0.38	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.9	0.66	1
1,4-Dioxane	ND		ug/kg	200	69.	1
p-Diethylbenzene	ND		ug/kg	3.9	0.35	1
p-Ethyltoluene	ND		ug/kg	3.9	0.75	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.9	0.38	1
Ethyl ether	ND		ug/kg	3.9	0.67	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.8	2.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	107		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-05
Client ID: B-8 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 09:20
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/18/18 00:58
Analyst: MV
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	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
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-05 Date Collected: 10/10/18 09:20

Client ID: B-8 (8-10) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	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
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	56		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	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
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.81	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-05 Date Collected: 10/10/18 09:20

Client ID: B-8 (8-10) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
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	120	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	108		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-06 Date Collected: 10/10/18 09:40
Client ID: GW-4 Date Received: 10/10/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/17/18 11:51
Analyst: MKS

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: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-06 Date Collected: 10/10/18 09:40

Client ID: GW-4 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	3.1	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: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-06 Date Collected: 10/10/18 09:40

Client ID: GW-4 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	0.85	J	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	87		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	85		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-07 D2 Date Collected: 10/10/18 10:47
Client ID: B-16 (4-5) Date Received: 10/10/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/18/18 10:57
Analyst: MV
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Naphthalene	14000000		ug/kg	220000	36000	500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	110		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-07 D
Client ID: B-16 (4-5)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 10:47
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/18/18 01:24
Analyst: MV
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	110000	51000	200
1,1-Dichloroethane	ND		ug/kg	22000	3200	200
Chloroform	ND		ug/kg	34000	3100	200
Carbon tetrachloride	ND		ug/kg	22000	5200	200
1,2-Dichloropropane	ND		ug/kg	22000	2800	200
Dibromochloromethane	ND		ug/kg	22000	3100	200
1,1,2-Trichloroethane	ND		ug/kg	22000	6000	200
Tetrachloroethene	ND		ug/kg	11000	4400	200
Chlorobenzene	ND		ug/kg	11000	2800	200
Trichlorofluoromethane	ND		ug/kg	90000	16000	200
1,2-Dichloroethane	ND		ug/kg	22000	5800	200
1,1,1-Trichloroethane	ND		ug/kg	11000	3700	200
Bromodichloromethane	ND		ug/kg	11000	2400	200
trans-1,3-Dichloropropene	ND		ug/kg	22000	6100	200
cis-1,3-Dichloropropene	ND		ug/kg	11000	3500	200
1,3-Dichloropropene, Total	ND		ug/kg	11000	3500	200
1,1-Dichloropropene	ND		ug/kg	11000	3600	200
Bromoform	ND		ug/kg	90000	5500	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	11000	3700	200
Benzene	200000		ug/kg	11000	3700	200
Toluene	97000		ug/kg	22000	12000	200
Ethylbenzene	360000		ug/kg	22000	3200	200
Chloromethane	ND		ug/kg	90000	21000	200
Bromomethane	ND		ug/kg	45000	13000	200
Vinyl chloride	ND		ug/kg	22000	7500	200
Chloroethane	ND		ug/kg	45000	10000	200
1,1-Dichloroethene	ND		ug/kg	22000	5300	200
trans-1,2-Dichloroethene	ND		ug/kg	34000	3100	200

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-07 D
Client ID: B-16 (4-5)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 10:47
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	11000	3100	200
1,2-Dichlorobenzene	ND		ug/kg	45000	3200	200
1,3-Dichlorobenzene	ND		ug/kg	45000	3300	200
1,4-Dichlorobenzene	ND		ug/kg	45000	3800	200
Methyl tert butyl ether	ND		ug/kg	45000	4500	200
p/m-Xylene	760000		ug/kg	45000	12000	200
o-Xylene	260000		ug/kg	22000	6500	200
Xylenes, Total	1000000		ug/kg	22000	6500	200
cis-1,2-Dichloroethene	ND		ug/kg	22000	3900	200
1,2-Dichloroethene, Total	ND		ug/kg	22000	3100	200
Dibromomethane	ND		ug/kg	45000	5300	200
Styrene	ND		ug/kg	22000	4400	200
Dichlorodifluoromethane	ND		ug/kg	220000	20000	200
Acetone	ND		ug/kg	220000	110000	200
Carbon disulfide	ND		ug/kg	220000	100000	200
2-Butanone	ND		ug/kg	220000	50000	200
Vinyl acetate	ND		ug/kg	220000	48000	200
4-Methyl-2-pentanone	ND		ug/kg	220000	29000	200
1,2,3-Trichloropropane	ND		ug/kg	45000	2800	200
2-Hexanone	ND		ug/kg	220000	26000	200
Bromochloromethane	ND		ug/kg	45000	4600	200
2,2-Dichloropropane	ND		ug/kg	45000	4500	200
1,2-Dibromoethane	ND		ug/kg	22000	6200	200
1,3-Dichloropropane	ND		ug/kg	45000	3700	200
1,1,1,2-Tetrachloroethane	ND		ug/kg	11000	3000	200
Bromobenzene	ND		ug/kg	45000	3200	200
n-Butylbenzene	36000		ug/kg	22000	3700	200
sec-Butylbenzene	9100	J	ug/kg	22000	3300	200
tert-Butylbenzene	ND		ug/kg	45000	2600	200
o-Chlorotoluene	ND		ug/kg	45000	4300	200
p-Chlorotoluene	ND		ug/kg	45000	2400	200
1,2-Dibromo-3-chloropropane	ND		ug/kg	67000	22000	200
Hexachlorobutadiene	ND		ug/kg	90000	3800	200
Isopropylbenzene	22000		ug/kg	22000	2400	200
p-Isopropyltoluene	12000	J	ug/kg	22000	2400	200
Naphthalene	12000000	E	ug/kg	90000	14000	200
Acrylonitrile	ND		ug/kg	90000	26000	200

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-07 D Date Collected: 10/10/18 10:47

Client ID: B-16 (4-5) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	110000		ug/kg	22000	3800	200
1,2,3-Trichlorobenzene	ND		ug/kg	45000	7200	200
1,2,4-Trichlorobenzene	ND		ug/kg	45000	6100	200
1,3,5-Trimethylbenzene	180000		ug/kg	45000	4300	200
1,2,4-Trimethylbenzene	740000		ug/kg	45000	7500	200
1,4-Dioxane	ND		ug/kg	2200000	790000	200
p-Diethylbenzene	230000		ug/kg	45000	4000	200
p-Ethyltoluene	330000		ug/kg	45000	8600	200
1,2,4,5-Tetramethylbenzene	88000		ug/kg	45000	4300	200
Ethyl ether	ND		ug/kg	45000	7600	200
trans-1,4-Dichloro-2-butene	ND		ug/kg	110000	32000	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	110		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-08
Client ID: B-15 (3-5)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 10:55
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/18/18 11:23
Analyst: MV
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	350	160	1
1,1-Dichloroethane	ND		ug/kg	71	10.	1
Chloroform	ND		ug/kg	110	9.9	1
Carbon tetrachloride	ND		ug/kg	71	16.	1
1,2-Dichloropropane	ND		ug/kg	71	8.8	1
Dibromochloromethane	ND		ug/kg	71	9.9	1
1,1,2-Trichloroethane	ND		ug/kg	71	19.	1
Tetrachloroethene	ND		ug/kg	35	14.	1
Chlorobenzene	ND		ug/kg	35	9.0	1
Trichlorofluoromethane	ND		ug/kg	280	49.	1
1,2-Dichloroethane	ND		ug/kg	71	18.	1
1,1,1-Trichloroethane	ND		ug/kg	35	12.	1
Bromodichloromethane	ND		ug/kg	35	7.7	1
trans-1,3-Dichloropropene	ND		ug/kg	71	19.	1
cis-1,3-Dichloropropene	ND		ug/kg	35	11.	1
1,3-Dichloropropene, Total	ND		ug/kg	35	11.	1
1,1-Dichloropropene	ND		ug/kg	35	11.	1
Bromoform	ND		ug/kg	280	17.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	35	12.	1
Benzene	ND		ug/kg	35	12.	1
Toluene	ND		ug/kg	71	38.	1
Ethylbenzene	ND		ug/kg	71	10.	1
Chloromethane	ND		ug/kg	280	66.	1
Bromomethane	ND		ug/kg	140	41.	1
Vinyl chloride	ND		ug/kg	71	24.	1
Chloroethane	ND		ug/kg	140	32.	1
1,1-Dichloroethene	ND		ug/kg	71	17.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	9.7	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-08 Date Collected: 10/10/18 10:55

Client ID: B-15 (3-5) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	35	9.7	1
1,2-Dichlorobenzene	ND		ug/kg	140	10.	1
1,3-Dichlorobenzene	ND		ug/kg	140	10.	1
1,4-Dichlorobenzene	ND		ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	ND		ug/kg	140	40.	1
o-Xylene	ND		ug/kg	71	20.	1
Xylenes, Total	ND		ug/kg	71	20.	1
cis-1,2-Dichloroethene	ND		ug/kg	71	12.	1
1,2-Dichloroethene, Total	ND		ug/kg	71	9.7	1
Dibromomethane	ND		ug/kg	140	17.	1
Styrene	ND		ug/kg	71	14.	1
Dichlorodifluoromethane	ND		ug/kg	710	65.	1
Acetone	ND		ug/kg	710	340	1
Carbon disulfide	ND		ug/kg	710	320	1
2-Butanone	ND		ug/kg	710	160	1
Vinyl acetate	ND		ug/kg	710	150	1
4-Methyl-2-pentanone	ND		ug/kg	710	90.	1
1,2,3-Trichloropropane	ND		ug/kg	140	9.0	1
2-Hexanone	ND		ug/kg	710	83.	1
Bromochloromethane	ND		ug/kg	140	14.	1
2,2-Dichloropropane	ND		ug/kg	140	14.	1
1,2-Dibromoethane	ND		ug/kg	71	20.	1
1,3-Dichloropropane	ND		ug/kg	140	12.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	35	9.3	1
Bromobenzene	ND		ug/kg	140	10.	1
n-Butylbenzene	ND		ug/kg	71	12.	1
sec-Butylbenzene	ND		ug/kg	71	10.	1
tert-Butylbenzene	ND		ug/kg	140	8.3	1
o-Chlorotoluene	ND		ug/kg	140	14.	1
p-Chlorotoluene	ND		ug/kg	140	7.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	210	70.	1
Hexachlorobutadiene	ND		ug/kg	280	12.	1
Isopropylbenzene	ND		ug/kg	71	7.7	1
p-Isopropyltoluene	9.6	J	ug/kg	71	7.7	1
Naphthalene	860		ug/kg	280	46.	1
Acrylonitrile	ND		ug/kg	280	81.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-08 Date Collected: 10/10/18 10:55

Client ID: B-15 (3-5) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	71	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	140	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	19.	1
1,3,5-Trimethylbenzene	ND		ug/kg	140	14.	1
1,2,4-Trimethylbenzene	ND		ug/kg	140	24.	1
1,4-Dioxane	ND		ug/kg	7100	2500	1
p-Diethylbenzene	20	J	ug/kg	140	12.	1
p-Ethyltoluene	ND		ug/kg	140	27.	1
1,2,4,5-Tetramethylbenzene	20	J	ug/kg	140	14.	1
Ethyl ether	ND		ug/kg	140	24.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	350	100	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	107		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-09 Date Collected: 10/10/18 11:00
Client ID: GW-5 Date Received: 10/10/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/17/18 12:16
Analyst: MKS

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: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-09 Date Collected: 10/10/18 11:00

Client ID: GW-5 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	4.2	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	0.86	J	ug/l	2.5	0.70	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-09 Date Collected: 10/10/18 11:00

Client ID: GW-5 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	0.66	J	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	88		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	88		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-10 Date Collected: 10/10/18 13:30
Client ID: B-9 (0-2) Date Received: 10/10/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/18/18 02:16
Analyst: MV
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - 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
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	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
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-10 Date Collected: 10/10/18 13:30

Client ID: B-9 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
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	0.68	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	56		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	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
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	1.0	J	ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-10 Date Collected: 10/10/18 13:30

Client ID: B-9 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
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	120	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-11 Date Collected: 10/10/18 13:35
Client ID: B-9 (8-10) Date Received: 10/10/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/18/18 02:43
Analyst: MV
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.6	3.9	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	0.39	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.21	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.46	1
Tetrachloroethene	ND		ug/kg	0.86	0.34	1
Chlorobenzene	ND		ug/kg	0.86	0.22	1
Trichlorofluoromethane	ND		ug/kg	6.8	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.44	1
1,1,1-Trichloroethane	ND		ug/kg	0.86	0.29	1
Bromodichloromethane	ND		ug/kg	0.86	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.47	1
cis-1,3-Dichloropropene	ND		ug/kg	0.86	0.27	1
1,3-Dichloropropene, Total	ND		ug/kg	0.86	0.27	1
1,1-Dichloropropene	ND		ug/kg	0.86	0.27	1
Bromoform	ND		ug/kg	6.8	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.86	0.28	1
Benzene	ND		ug/kg	0.86	0.28	1
Toluene	ND		ug/kg	1.7	0.93	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.8	1.6	1
Bromomethane	ND		ug/kg	3.4	1.0	1
Vinyl chloride	ND		ug/kg	1.7	0.57	1
Chloroethane	ND		ug/kg	3.4	0.77	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.41	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.23	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-11 Date Collected: 10/10/18 13:35

Client ID: B-9 (8-10) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	0.86		ug/kg	0.86	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	0.25	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	0.96	1
o-Xylene	ND		ug/kg	1.7	0.50	1
Xylenes, Total	ND		ug/kg	1.7	0.50	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.30	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.23	1
Dibromomethane	ND		ug/kg	3.4	0.41	1
Styrene	ND		ug/kg	1.7	0.34	1
Dichlorodifluoromethane	ND		ug/kg	17	1.6	1
Acetone	93		ug/kg	17	8.2	1
Carbon disulfide	ND		ug/kg	17	7.8	1
2-Butanone	ND		ug/kg	17	3.8	1
Vinyl acetate	ND		ug/kg	17	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	3.4	0.22	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.35	1
2,2-Dichloropropane	ND		ug/kg	3.4	0.35	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.48	1
1,3-Dichloropropane	ND		ug/kg	3.4	0.29	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.86	0.23	1
Bromobenzene	ND		ug/kg	3.4	0.25	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	3.4	0.20	1
o-Chlorotoluene	ND		ug/kg	3.4	0.33	1
p-Chlorotoluene	ND		ug/kg	3.4	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	1.7	1
Hexachlorobutadiene	ND		ug/kg	6.8	0.29	1
Isopropylbenzene	ND		ug/kg	1.7	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.19	1
Naphthalene	ND		ug/kg	6.8	1.1	1
Acrylonitrile	ND		ug/kg	6.8	2.0	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-11 Date Collected: 10/10/18 13:35

Client ID: B-9 (8-10) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.7	0.29	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.55	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	0.47	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.4	0.33	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.4	0.57	1
1,4-Dioxane	ND		ug/kg	170	60.	1
p-Diethylbenzene	ND		ug/kg	3.4	0.30	1
p-Ethyltoluene	ND		ug/kg	3.4	0.66	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.4	0.33	1
Ethyl ether	ND		ug/kg	3.4	0.58	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.6	2.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	106		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-12 Date Collected: 10/10/18 14:35

Client ID: B-10 (6-8) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 10/18/18 03:09

Analyst: MV

Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - 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
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.76	0.30	1
Chlorobenzene	ND		ug/kg	0.76	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.1	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.39	1
1,1,1-Trichloroethane	ND		ug/kg	0.76	0.25	1
Bromodichloromethane	ND		ug/kg	0.76	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.76	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.76	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.76	0.24	1
Bromoform	ND		ug/kg	6.1	0.37	1
1,1,2,2-Tetrachloroethane	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
Chloromethane	ND		ug/kg	6.1	1.4	1
Bromomethane	ND		ug/kg	3.0	0.88	1
Vinyl chloride	ND		ug/kg	1.5	0.51	1
Chloroethane	ND		ug/kg	3.0	0.69	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-12 Date Collected: 10/10/18 14:35

Client ID: B-10 (6-8) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
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
Xylenes, Total	ND		ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.21	1
Dibromomethane	ND		ug/kg	3.0	0.36	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	30		ug/kg	15	7.3	1
Carbon disulfide	ND		ug/kg	15	6.9	1
2-Butanone	ND		ug/kg	15	3.4	1
Vinyl acetate	ND		ug/kg	15	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.76	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	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
o-Chlorotoluene	ND		ug/kg	3.0	0.29	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.1	0.26	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	6.1	0.99	1
Acrylonitrile	ND		ug/kg	6.1	1.7	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-12 Date Collected: 10/10/18 14:35

Client ID: B-10 (6-8) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.49	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.41	1
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	150	53.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.27	1
p-Ethyltoluene	ND		ug/kg	3.0	0.58	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.29	1
Ethyl ether	ND		ug/kg	3.0	0.52	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.6	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	109		70-130

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 10:09
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,06,09 Batch: WG1169218-5					
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: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 10:09
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,06,09 Batch: WG1169218-5					
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	ND		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: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 10:09
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,06,09 Batch: WG1169218-5					
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	86		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	85		70-130

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 21:04
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02,04-05,10-12 Batch: WG1169488-5					
Methylene chloride	2.4	J	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
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	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
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
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

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 21:04
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02,04-05,10-12 Batch: WG1169488-5					
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
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
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
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 21:04
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02,04-05,10-12 Batch: WG1169488-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	100	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/18/18 09:39
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07-08 Batch: WG1169700-10					
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.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/18/18 09:39
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07-08 Batch: WG1169700-10					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		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
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/18/18 09:39
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07-08 Batch: WG1169700-10					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	5000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 21:04
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07 Batch: WG1169700-5					
Methylene chloride	120	J	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.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 21:04
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07 Batch: WG1169700-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		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
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/18 21:04
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07 Batch: WG1169700-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	5000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06,09 Batch: WG1169218-3 WG1169218-4								
Methylene chloride	86		86		70-130	0		20
1,1-Dichloroethane	81		80		70-130	1		20
Chloroform	81		78		70-130	4		20
Carbon tetrachloride	78		76		63-132	3		20
1,2-Dichloropropane	84		84		70-130	0		20
Dibromochloromethane	83		84		63-130	1		20
1,1,2-Trichloroethane	86		88		70-130	2		20
Tetrachloroethene	91		88		70-130	3		20
Chlorobenzene	86		87		75-130	1		20
Trichlorofluoromethane	83		83		62-150	0		20
1,2-Dichloroethane	76		77		70-130	1		20
1,1,1-Trichloroethane	80		80		67-130	0		20
Bromodichloromethane	76		78		67-130	3		20
trans-1,3-Dichloropropene	86		87		70-130	1		20
cis-1,3-Dichloropropene	82		83		70-130	1		20
1,1-Dichloropropene	80		79		70-130	1		20
Bromoform	84		85		54-136	1		20
1,1,2,2-Tetrachloroethane	92		93		67-130	1		20
Benzene	84		83		70-130	1		20
Toluene	88		89		70-130	1		20
Ethylbenzene	88		88		70-130	0		20
Chloromethane	69		68		64-130	1		20
Bromomethane	**38**	Q	**36**	Q	39-139	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06,09 Batch: WG1169218-3 WG1169218-4								
Vinyl chloride	84		83		55-140	1		20
Chloroethane	90		87		55-138	3		20
1,1-Dichloroethene	86		86		61-145	0		20
trans-1,2-Dichloroethene	85		83		70-130	2		20
Trichloroethene	80		79		70-130	1		20
1,2-Dichlorobenzene	90		91		70-130	1		20
1,3-Dichlorobenzene	91		90		70-130	1		20
1,4-Dichlorobenzene	88		87		70-130	1		20
Methyl tert butyl ether	90		93		63-130	3		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	85		85		70-130	0		20
cis-1,2-Dichloroethene	84		84		70-130	0		20
Dibromomethane	78		82		70-130	5		20
1,2,3-Trichloropropane	86		89		64-130	3		20
Acrylonitrile	85		90		70-130	6		20
Styrene	85		85		70-130	0		20
Dichlorodifluoromethane	85		84		36-147	1		20
Acetone	81		86		58-148	6		20
Carbon disulfide	82		80		51-130	2		20
2-Butanone	82		84		63-138	2		20
Vinyl acetate	73		74		70-130	1		20
4-Methyl-2-pentanone	88		92		59-130	4		20
2-Hexanone	92		98		57-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06,09 Batch: WG1169218-3 WG1169218-4								
Bromochloromethane	86		85		70-130	1		20
2,2-Dichloropropane	85		83		63-133	2		20
1,2-Dibromoethane	90		92		70-130	2		20
1,3-Dichloropropane	90		93		70-130	3		20
1,1,1,2-Tetrachloroethane	84		84		64-130	0		20
Bromobenzene	88		88		70-130	0		20
n-Butylbenzene	90		90		53-136	0		20
sec-Butylbenzene	91		90		70-130	1		20
tert-Butylbenzene	87		87		70-130	0		20
o-Chlorotoluene	92		91		70-130	1		20
p-Chlorotoluene	91		91		70-130	0		20
1,2-Dibromo-3-chloropropane	77		82		41-144	6		20
Hexachlorobutadiene	80		79		63-130	1		20
Isopropylbenzene	89		89		70-130	0		20
p-Isopropyltoluene	88		88		70-130	0		20
Naphthalene	87		89		70-130	2		20
n-Propylbenzene	96		94		69-130	2		20
1,2,3-Trichlorobenzene	91		93		70-130	2		20
1,2,4-Trichlorobenzene	82		82		70-130	0		20
1,3,5-Trimethylbenzene	94		94		64-130	0		20
1,2,4-Trimethylbenzene	88		89		70-130	1		20
1,4-Dioxane	68		126		56-162	**60**	Q	20
p-Diethylbenzene	87		87		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06,09 Batch: WG1169218-3 WG1169218-4								
p-Ethyltoluene	94		93		70-130	1		20
1,2,4,5-Tetramethylbenzene	85		85		70-130	0		20
Ethyl ether	91		92		59-134	1		20
trans-1,4-Dichloro-2-butene	**66**	Q	**69**	Q	70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	85		86		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	104		103		70-130
Dibromofluoromethane	89		88		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02,04-05,10-12 Batch: WG1169488-3 WG1169488-4								
Methylene chloride	109		108		70-130	1		30
1,1-Dichloroethane	115		111		70-130	4		30
Chloroform	118		116		70-130	2		30
Carbon tetrachloride	122		121		70-130	1		30
1,2-Dichloropropane	111		108		70-130	3		30
Dibromochloromethane	110		106		70-130	4		30
1,1,2-Trichloroethane	102		99		70-130	3		30
Tetrachloroethene	111		106		70-130	5		30
Chlorobenzene	104		100		70-130	4		30
Trichlorofluoromethane	133		128		70-139	4		30
1,2-Dichloroethane	120		119		70-130	1		30
1,1,1-Trichloroethane	130		124		70-130	5		30
Bromodichloromethane	126		123		70-130	2		30
trans-1,3-Dichloropropene	107		103		70-130	4		30
cis-1,3-Dichloropropene	120		117		70-130	3		30
1,1-Dichloropropene	122		119		70-130	2		30
Bromoform	108		104		70-130	4		30
1,1,2,2-Tetrachloroethane	98		96		70-130	2		30
Benzene	113		110		70-130	3		30
Toluene	107		103		70-130	4		30
Ethylbenzene	107		102		70-130	5		30
Chloromethane	115		114		52-130	1		30
Bromomethane	124		118		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02,04-05,10-12 Batch: WG1169488-3 WG1169488-4								
Vinyl chloride	123		118		67-130	4		30
Chloroethane	129		127		50-151	2		30
1,1-Dichloroethene	120		115		65-135	4		30
trans-1,2-Dichloroethene	116		114		70-130	2		30
Trichloroethene	123		119		70-130	3		30
1,2-Dichlorobenzene	104		102		70-130	2		30
1,3-Dichlorobenzene	104		100		70-130	4		30
1,4-Dichlorobenzene	101		100		70-130	1		30
Methyl tert butyl ether	119		116		66-130	3		30
p/m-Xylene	109		105		70-130	4		30
o-Xylene	112		108		70-130	4		30
cis-1,2-Dichloroethene	116		114		70-130	2		30
Dibromomethane	119		114		70-130	4		30
Styrene	102		99		70-130	3		30
Dichlorodifluoromethane	130		129		30-146	1		30
Acetone	109		109		54-140	0		30
Carbon disulfide	107		103		59-130	4		30
2-Butanone	113		114		70-130	1		30
Vinyl acetate	113		111		70-130	2		30
4-Methyl-2-pentanone	94		90		70-130	4		30
1,2,3-Trichloropropane	99		96		68-130	3		30
2-Hexanone	92		89		70-130	3		30
Bromochloromethane	119		118		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02,04-05,10-12 Batch: WG1169488-3 WG1169488-4								
2,2-Dichloropropane	122		118		70-130	3		30
1,2-Dibromoethane	108		107		70-130	1		30
1,3-Dichloropropane	103		100		69-130	3		30
1,1,1,2-Tetrachloroethane	113		109		70-130	4		30
Bromobenzene	102		101		70-130	1		30
n-Butylbenzene	106		102		70-130	4		30
sec-Butylbenzene	106		102		70-130	4		30
tert-Butylbenzene	109		105		70-130	4		30
o-Chlorotoluene	104		100		70-130	4		30
p-Chlorotoluene	104		100		70-130	4		30
1,2-Dibromo-3-chloropropane	95		93		68-130	2		30
Hexachlorobutadiene	109		106		67-130	3		30
Isopropylbenzene	105		102		70-130	3		30
p-Isopropyltoluene	110		106		70-130	4		30
Naphthalene	107		104		70-130	3		30
Acrylonitrile	113		111		70-130	2		30
n-Propylbenzene	103		100		70-130	3		30
1,2,3-Trichlorobenzene	106		102		70-130	4		30
1,2,4-Trichlorobenzene	107		104		70-130	3		30
1,3,5-Trimethylbenzene	107		102		70-130	5		30
1,2,4-Trimethylbenzene	107		104		70-130	3		30
1,4-Dioxane	108		105		65-136	3		30
p-Diethylbenzene	109		104		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02,04-05,10-12 Batch: WG1169488-3 WG1169488-4								
p-Ethyltoluene	107		103		70-130	4		30
1,2,4,5-Tetramethylbenzene	105		103		70-130	2		30
Ethyl ether	114		109		67-130	4		30
trans-1,4-Dichloro-2-butene	91		92		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		107		70-130
Toluene-d8	94		93		70-130
4-Bromofluorobenzene	98		100		70-130
Dibromofluoromethane	105		106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07 Batch: WG1169700-3 WG1169700-4								
Methylene chloride	109		108		70-130	1		30
1,1-Dichloroethane	115		111		70-130	4		30
Chloroform	118		116		70-130	2		30
Carbon tetrachloride	122		121		70-130	1		30
1,2-Dichloropropane	111		108		70-130	3		30
Dibromochloromethane	110		106		70-130	4		30
1,1,2-Trichloroethane	102		99		70-130	3		30
Tetrachloroethene	111		106		70-130	5		30
Chlorobenzene	104		100		70-130	4		30
Trichlorofluoromethane	133		128		70-139	4		30
1,2-Dichloroethane	120		119		70-130	1		30
1,1,1-Trichloroethane	130		124		70-130	5		30
Bromodichloromethane	126		123		70-130	2		30
trans-1,3-Dichloropropene	107		103		70-130	4		30
cis-1,3-Dichloropropene	120		117		70-130	3		30
1,1-Dichloropropene	122		119		70-130	2		30
Bromoform	108		104		70-130	4		30
1,1,2,2-Tetrachloroethane	98		96		70-130	2		30
Benzene	113		110		70-130	3		30
Toluene	107		103		70-130	4		30
Ethylbenzene	107		102		70-130	5		30
Chloromethane	115		114		52-130	1		30
Bromomethane	124		118		57-147	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07 Batch: WG1169700-3 WG1169700-4								
Vinyl chloride	123		118		67-130	4		30
Chloroethane	129		127		50-151	2		30
1,1-Dichloroethene	120		115		65-135	4		30
trans-1,2-Dichloroethene	116		114		70-130	2		30
Trichloroethene	123		119		70-130	3		30
1,2-Dichlorobenzene	104		102		70-130	2		30
1,3-Dichlorobenzene	104		100		70-130	4		30
1,4-Dichlorobenzene	101		100		70-130	1		30
Methyl tert butyl ether	119		116		66-130	3		30
p/m-Xylene	109		105		70-130	4		30
o-Xylene	112		108		70-130	4		30
cis-1,2-Dichloroethene	116		114		70-130	2		30
Dibromomethane	119		114		70-130	4		30
Styrene	102		99		70-130	3		30
Dichlorodifluoromethane	130		129		30-146	1		30
Acetone	109		109		54-140	0		30
Carbon disulfide	107		103		59-130	4		30
2-Butanone	113		114		70-130	1		30
Vinyl acetate	113		111		70-130	2		30
4-Methyl-2-pentanone	94		90		70-130	4		30
1,2,3-Trichloropropane	99		96		68-130	3		30
2-Hexanone	92		89		70-130	3		30
Bromochloromethane	119		118		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07 Batch: WG1169700-3 WG1169700-4								
2,2-Dichloropropane	122		118		70-130	3		30
1,2-Dibromoethane	108		107		70-130	1		30
1,3-Dichloropropane	103		100		69-130	3		30
1,1,1,2-Tetrachloroethane	113		109		70-130	4		30
Bromobenzene	102		101		70-130	1		30
n-Butylbenzene	106		102		70-130	4		30
sec-Butylbenzene	106		102		70-130	4		30
tert-Butylbenzene	109		105		70-130	4		30
o-Chlorotoluene	104		100		70-130	4		30
p-Chlorotoluene	104		100		70-130	4		30
1,2-Dibromo-3-chloropropane	95		93		68-130	2		30
Hexachlorobutadiene	109		106		67-130	3		30
Isopropylbenzene	105		102		70-130	3		30
p-Isopropyltoluene	110		106		70-130	4		30
Naphthalene	107		104		70-130	3		30
Acrylonitrile	113		111		70-130	2		30
n-Propylbenzene	103		100		70-130	3		30
1,2,3-Trichlorobenzene	106		102		70-130	4		30
1,2,4-Trichlorobenzene	107		104		70-130	3		30
1,3,5-Trimethylbenzene	107		102		70-130	5		30
1,2,4-Trimethylbenzene	107		104		70-130	3		30
1,4-Dioxane	108		105		65-136	3		30
p-Diethylbenzene	109		104		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07 Batch: WG1169700-3 WG1169700-4								
p-Ethyltoluene	107		103		70-130	4		30
1,2,4,5-Tetramethylbenzene	105		103		70-130	2		30
Ethyl ether	114		109		67-130	4		30
trans-1,4-Dichloro-2-butene	91		92		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		107		70-130
Toluene-d8	94		93		70-130
4-Bromofluorobenzene	98		100		70-130
Dibromofluoromethane	105		106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07-08 Batch: WG1169700-8 WG1169700-9								
Methylene chloride	100		101		70-130	1		30
1,1-Dichloroethane	107		107		70-130	0		30
Chloroform	114		115		70-130	1		30
Carbon tetrachloride	114		112		70-130	2		30
1,2-Dichloropropane	104		106		70-130	2		30
Dibromochloromethane	108		108		70-130	0		30
1,1,2-Trichloroethane	99		101		70-130	2		30
Tetrachloroethene	101		99		70-130	2		30
Chlorobenzene	99		99		70-130	0		30
Trichlorofluoromethane	123		120		70-139	2		30
1,2-Dichloroethane	120		120		70-130	0		30
1,1,1-Trichloroethane	120		119		70-130	1		30
Bromodichloromethane	123		124		70-130	1		30
trans-1,3-Dichloropropene	104		106		70-130	2		30
cis-1,3-Dichloropropene	117		118		70-130	1		30
1,1-Dichloropropene	112		112		70-130	0		30
Bromoform	104		108		70-130	4		30
1,1,2,2-Tetrachloroethane	94		95		70-130	1		30
Benzene	105		105		70-130	0		30
Toluene	99		97		70-130	2		30
Ethylbenzene	100		98		70-130	2		30
Chloromethane	102		105		52-130	3		30
Bromomethane	119		117		57-147	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07-08 Batch: WG1169700-8 WG1169700-9								
Vinyl chloride	108		107		67-130	1		30
Chloroethane	121		121		50-151	0		30
1,1-Dichloroethene	107		106		65-135	1		30
trans-1,2-Dichloroethene	108		109		70-130	1		30
Trichloroethene	114		112		70-130	2		30
1,2-Dichlorobenzene	100		101		70-130	1		30
1,3-Dichlorobenzene	98		99		70-130	1		30
1,4-Dichlorobenzene	96		98		70-130	2		30
Methyl tert butyl ether	116		118		66-130	2		30
p/m-Xylene	103		101		70-130	2		30
o-Xylene	106		105		70-130	1		30
cis-1,2-Dichloroethene	111		111		70-130	0		30
Dibromomethane	116		118		70-130	2		30
Styrene	97		97		70-130	0		30
Dichlorodifluoromethane	118		116		30-146	2		30
Acetone	101		106		54-140	5		30
Carbon disulfide	96		96		59-130	0		30
2-Butanone	110		116		70-130	5		30
Vinyl acetate	107		111		70-130	4		30
4-Methyl-2-pentanone	90		92		70-130	2		30
1,2,3-Trichloropropane	95		98		68-130	3		30
2-Hexanone	83		88		70-130	6		30
Bromochloromethane	119		119		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07-08 Batch: WG1169700-8 WG1169700-9								
2,2-Dichloropropane	115		114		70-130	1		30
1,2-Dibromoethane	106		105		70-130	1		30
1,3-Dichloropropane	99		100		69-130	1		30
1,1,1,2-Tetrachloroethane	109		109		70-130	0		30
Bromobenzene	99		98		70-130	1		30
n-Butylbenzene	97		95		70-130	2		30
sec-Butylbenzene	98		97		70-130	1		30
tert-Butylbenzene	100		99		70-130	1		30
o-Chlorotoluene	98		97		70-130	1		30
p-Chlorotoluene	97		97		70-130	0		30
1,2-Dibromo-3-chloropropane	93		93		68-130	0		30
Hexachlorobutadiene	102		100		67-130	2		30
Isopropylbenzene	98		97		70-130	1		30
p-Isopropyltoluene	101		101		70-130	0		30
Naphthalene	103		107		70-130	4		30
Acrylonitrile	110		109		70-130	1		30
n-Propylbenzene	94		94		70-130	0		30
1,2,3-Trichlorobenzene	100		103		70-130	3		30
1,2,4-Trichlorobenzene	101		102		70-130	1		30
1,3,5-Trimethylbenzene	100		99		70-130	1		30
1,2,4-Trimethylbenzene	100		101		70-130	1		30
1,4-Dioxane	105		108		65-136	3		30
p-Diethylbenzene	100		100		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07-08 Batch: WG1169700-8 WG1169700-9								
p-Ethyltoluene	100		98		70-130	2		30
1,2,4,5-Tetramethylbenzene	100		101		70-130	1		30
Ethyl ether	108		111		67-130	3		30
trans-1,4-Dichloro-2-butene	93		88		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		109		70-130
Toluene-d8	94		93		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	107		107		70-130

SEMIVOLATILES

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-01
Client ID: B-7 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 08:00
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/18/18 08:43
Analyst: RC
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	83	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	2800		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	64	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-01 Date Collected: 10/10/18 08:00

Client ID: B-7 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	1600		ug/kg	110	20.	1
Benzo(a)pyrene	1200		ug/kg	150	45.	1
Benzo(b)fluoranthene	2000		ug/kg	110	31.	1
Benzo(k)fluoranthene	670		ug/kg	110	29.	1
Chrysene	1800		ug/kg	110	19.	1
Acenaphthylene	240		ug/kg	150	28.	1
Anthracene	390		ug/kg	110	36.	1
Benzo(ghi)perylene	880		ug/kg	150	21.	1
Fluorene	75	J	ug/kg	180	18.	1
Phenanthrene	1600		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	220		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	880		ug/kg	150	25.	1
Pyrene	2500		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	58	J	ug/kg	180	17.	1
2-Methylnaphthalene	34	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	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: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-01 Date Collected: 10/10/18 08:00

Client ID: B-7 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	460		ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	51		10-136
4-Terphenyl-d14	55		18-120

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-02
Client ID: B-7 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 08:05
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/18/18 07:24
Analyst: RC
Percent Solids: 70%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	52	J	ug/kg	190	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	240	27.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	32.	1
2-Chloronaphthalene	ND		ug/kg	240	23.	1
1,2-Dichlorobenzene	ND		ug/kg	240	42.	1
1,3-Dichlorobenzene	ND		ug/kg	240	40.	1
1,4-Dichlorobenzene	ND		ug/kg	240	41.	1
3,3'-Dichlorobenzidine	ND		ug/kg	240	63.	1
2,4-Dinitrotoluene	ND		ug/kg	240	47.	1
2,6-Dinitrotoluene	ND		ug/kg	240	40.	1
Fluoranthene	660		ug/kg	140	27.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	240	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	240	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	40.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	24.	1
Hexachlorobutadiene	ND		ug/kg	240	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	670	210	1
Hexachloroethane	ND		ug/kg	190	38.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	78	J	ug/kg	240	29.	1
Nitrobenzene	ND		ug/kg	210	35.	1
NDPA/DPA	ND		ug/kg	190	27.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	240	36.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	240	81.	1
Butyl benzyl phthalate	ND		ug/kg	240	59.	1
Di-n-butylphthalate	ND		ug/kg	240	45.	1
Di-n-octylphthalate	ND		ug/kg	240	80.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-02 Date Collected: 10/10/18 08:05

Client ID: B-7 (8-10) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	240	22.	1
Dimethyl phthalate	ND		ug/kg	240	49.	1
Benzo(a)anthracene	320		ug/kg	140	26.	1
Benzo(a)pyrene	270		ug/kg	190	57.	1
Benzo(b)fluoranthene	340		ug/kg	140	40.	1
Benzo(k)fluoranthene	120	J	ug/kg	140	38.	1
Chrysene	290		ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	190	36.	1
Anthracene	120	J	ug/kg	140	46.	1
Benzo(ghi)perylene	150	J	ug/kg	190	28.	1
Fluorene	44	J	ug/kg	240	23.	1
Phenanthrene	510		ug/kg	140	29.	1
Dibenzo(a,h)anthracene	36	J	ug/kg	140	27.	1
Indeno(1,2,3-cd)pyrene	160	J	ug/kg	190	33.	1
Pyrene	600		ug/kg	140	23.	1
Biphenyl	ND		ug/kg	540	55.	1
4-Chloroaniline	ND		ug/kg	240	43.	1
2-Nitroaniline	ND		ug/kg	240	45.	1
3-Nitroaniline	ND		ug/kg	240	44.	1
4-Nitroaniline	ND		ug/kg	240	97.	1
Dibenzofuran	28	J	ug/kg	240	22.	1
2-Methylnaphthalene	56	J	ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	240	24.	1
Acetophenone	ND		ug/kg	240	29.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	45.	1
p-Chloro-m-cresol	ND		ug/kg	240	35.	1
2-Chlorophenol	ND		ug/kg	240	28.	1
2,4-Dichlorophenol	ND		ug/kg	210	38.	1
2,4-Dimethylphenol	ND		ug/kg	240	78.	1
2-Nitrophenol	ND		ug/kg	510	88.	1
4-Nitrophenol	ND		ug/kg	330	96.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	610	110	1
Pentachlorophenol	ND		ug/kg	190	52.	1
Phenol	ND		ug/kg	240	36.	1
2-Methylphenol	ND		ug/kg	240	36.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	340	37.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-02 Date Collected: 10/10/18 08:05

Client ID: B-7 (8-10) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	240	45.	1
Benzoic Acid	ND		ug/kg	760	240	1
Benzyl Alcohol	ND		ug/kg	240	72.	1
Carbazole	52	J	ug/kg	240	23.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	83		18-120

Project Name: ALEXANDER ST.
Lab Number: L1841053
Project Number: 25720.00
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-03
Client ID: GW-3
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 08:55
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/19/18 16:41
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 21:02

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	7.4		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: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-03 Date Collected: 10/10/18 08:55

Client ID: GW-3 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	7.9		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	64		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	80		41-149

Project Name: ALEXANDER ST.
Lab Number: L1841053
Project Number: 25720.00
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-03 D
Client ID: GW-3
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 08:55
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/24/18 12:15
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 21:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	19		ug/l	1.0	0.14	10
2-Chloronaphthalene	ND		ug/l	2.0	0.18	10
Fluoranthene	4.4		ug/l	1.0	0.20	10
Hexachlorobutadiene	ND		ug/l	5.0	0.47	10
Naphthalene	2.5		ug/l	1.0	0.49	10
Benzo(a)anthracene	1.2		ug/l	1.0	0.20	10
Benzo(a)pyrene	0.66	J	ug/l	1.0	0.15	10
Benzo(b)fluoranthene	0.95	J	ug/l	1.0	0.12	10
Benzo(k)fluoranthene	0.34	J	ug/l	1.0	0.09	10
Chrysene	1.5		ug/l	1.0	0.12	10
Acenaphthylene	7.8		ug/l	1.0	0.12	10
Anthracene	4.3		ug/l	1.0	0.14	10
Benzo(ghi)perylene	0.46	J	ug/l	1.0	0.14	10
Fluorene	32		ug/l	1.0	0.14	10
Phenanthrene	38		ug/l	1.0	0.23	10
Dibenzo(a,h)anthracene	0.15	J	ug/l	1.0	0.13	10
Indeno(1,2,3-cd)pyrene	0.43	J	ug/l	1.0	0.12	10
Pyrene	7.9		ug/l	1.0	0.19	10
2-Methylnaphthalene	1.0		ug/l	1.0	0.22	10
Pentachlorophenol	ND		ug/l	8.0	0.14	10
Hexachlorobenzene	ND		ug/l	8.0	0.09	10
Hexachloroethane	ND		ug/l	8.0	0.63	10

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-03 D
Client ID: GW-3
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 08:55
Date Received: 10/10/18
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	64		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	94		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	96		41-149

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-04
Client ID: B-8 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 09:10
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/18/18 09:36
Analyst: RC
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	110	J	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	2300		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	370		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-04 Date Collected: 10/10/18 09:10

Client ID: B-8 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	1500		ug/kg	110	22.	1
Benzo(a)pyrene	1300		ug/kg	150	47.	1
Benzo(b)fluoranthene	2000		ug/kg	110	32.	1
Benzo(k)fluoranthene	660		ug/kg	110	30.	1
Chrysene	1500		ug/kg	110	20.	1
Acenaphthylene	360		ug/kg	150	29.	1
Anthracene	530		ug/kg	110	37.	1
Benzo(ghi)perylene	780		ug/kg	150	22.	1
Fluorene	120	J	ug/kg	190	18.	1
Phenanthrene	1200		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	230		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	900		ug/kg	150	27.	1
Pyrene	2100		ug/kg	110	19.	1
Biphenyl	58	J	ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	190		ug/kg	190	18.	1
2-Methylnaphthalene	390		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	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: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-04 Date Collected: 10/10/18 09:10

Client ID: B-8 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	140	J	ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	59		18-120

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-05
Client ID: B-8 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 09:20
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/18/18 10:01
Analyst: RC
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	8600	E	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	32	J	ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	18000	E	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	9000	E	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-05 Date Collected: 10/10/18 09:20

Client ID: B-8 (8-10) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	13000	E	ug/kg	110	21.	1
Benzo(a)pyrene	11000	E	ug/kg	150	46.	1
Benzo(b)fluoranthene	16000	E	ug/kg	110	32.	1
Benzo(k)fluoranthene	2900		ug/kg	110	30.	1
Chrysene	11000	E	ug/kg	110	20.	1
Acenaphthylene	1200		ug/kg	150	29.	1
Anthracene	8600	E	ug/kg	110	37.	1
Benzo(ghi)perylene	7700	E	ug/kg	150	22.	1
Fluorene	6600		ug/kg	190	18.	1
Phenanthrene	20000	E	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	1900		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	9000	E	ug/kg	150	26.	1
Pyrene	18000	E	ug/kg	110	19.	1
Biphenyl	1500		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	5800		ug/kg	190	18.	1
2-Methylnaphthalene	3700		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	180	J	ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	200		ug/kg	190	28.	1
2-Methylphenol	110	J	ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	430		ug/kg	270	30.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-05 Date Collected: 10/10/18 09:20

Client ID: B-8 (8-10) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	5100		ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	75		18-120

Project Name: ALEXANDER ST.
Lab Number: L1841053
Project Number: 25720.00
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-05 D
Client ID: B-8 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 09:20
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/20/18 04:45
Analyst: EK
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	11000		ug/kg	1500	200	10
Fluoranthene	52000		ug/kg	1100	220	10
Naphthalene	14000		ug/kg	1900	230	10
Benzo(a)anthracene	19000		ug/kg	1100	210	10
Benzo(a)pyrene	17000		ug/kg	1500	460	10
Benzo(b)fluoranthene	21000		ug/kg	1100	320	10
Chrysene	18000		ug/kg	1100	200	10
Anthracene	15000		ug/kg	1100	370	10
Benzo(ghi)perylene	11000		ug/kg	1500	220	10
Phenanthrene	62000		ug/kg	1100	230	10
Indeno(1,2,3-cd)pyrene	11000		ug/kg	1500	260	10
Pyrene	44000		ug/kg	1100	190	10

Project Name: ALEXANDER ST.
Lab Number: L1841053
Project Number: 25720.00
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-06
Client ID: GW-4
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 09:40
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/19/18 08:06
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	14	1.4	1
Bis(2-chloroethyl)ether	ND		ug/l	5.5	1.4	1
1,2-Dichlorobenzene	ND		ug/l	5.5	1.2	1
1,3-Dichlorobenzene	ND		ug/l	5.5	1.1	1
1,4-Dichlorobenzene	ND		ug/l	5.5	1.2	1
3,3'-Dichlorobenzidine	ND		ug/l	14	4.5	1
2,4-Dinitrotoluene	ND		ug/l	14	3.2	1
2,6-Dinitrotoluene	ND		ug/l	14	2.6	1
4-Chlorophenyl phenyl ether	ND		ug/l	5.5	1.3	1
4-Bromophenyl phenyl ether	ND		ug/l	5.5	1.0	1
Bis(2-chloroisopropyl)ether	ND		ug/l	5.5	1.4	1
Bis(2-chloroethoxy)methane	ND		ug/l	14	1.4	1
Hexachlorocyclopentadiene	ND		ug/l	55	1.9	1
Isophorone	ND		ug/l	14	3.3	1
Nitrobenzene	ND		ug/l	5.5	2.1	1
NDPA/DPA	ND		ug/l	5.5	1.2	1
n-Nitrosodi-n-propylamine	ND		ug/l	14	1.8	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	8.2	4.2	1
Butyl benzyl phthalate	ND		ug/l	14	3.2	1
Di-n-butylphthalate	ND		ug/l	14	1.1	1
Di-n-octylphthalate	ND		ug/l	14	3.5	1
Diethyl phthalate	ND		ug/l	14	1.0	1
Dimethyl phthalate	ND		ug/l	14	5.0	1
Biphenyl	ND		ug/l	5.5	1.3	1
4-Chloroaniline	ND		ug/l	14	2.9	1
2-Nitroaniline	ND		ug/l	14	1.4	1
3-Nitroaniline	ND		ug/l	14	2.2	1
4-Nitroaniline	ND		ug/l	14	2.2	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-06 Date Collected: 10/10/18 09:40

Client ID: GW-4 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	5.5	1.4	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	28	1.2	1
Acetophenone	ND		ug/l	14	1.4	1
2,4,6-Trichlorophenol	ND		ug/l	14	1.7	1
p-Chloro-m-cresol	ND		ug/l	5.5	0.96	1
2-Chlorophenol	ND		ug/l	5.5	1.3	1
2,4-Dichlorophenol	ND		ug/l	14	1.1	1
2,4-Dimethylphenol	ND		ug/l	14	4.9	1
2-Nitrophenol	ND		ug/l	28	2.3	1
4-Nitrophenol	ND		ug/l	28	1.8	1
2,4-Dinitrophenol	ND		ug/l	55	18.	1
4,6-Dinitro-o-cresol	ND		ug/l	28	5.0	1
Phenol	ND		ug/l	14	1.6	1
2-Methylphenol	ND		ug/l	14	1.4	1
3-Methylphenol/4-Methylphenol	ND		ug/l	14	1.3	1
2,4,5-Trichlorophenol	ND		ug/l	14	2.1	1
Benzoic Acid	ND		ug/l	140	7.3	1
Benzyl Alcohol	ND		ug/l	5.5	1.6	1
Carbazole	ND		ug/l	5.5	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	67		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	39		10-120
4-Terphenyl-d14	78		41-149

Project Name: ALEXANDER ST.
Lab Number: L1841053
Project Number: 25720.00
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-06
Client ID: GW-4
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 09:40
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/23/18 23:29
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 08:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.85		ug/l	0.28	0.04	1
2-Chloronaphthalene	0.06	J	ug/l	0.55	0.05	1
Fluoranthene	12		ug/l	0.28	0.06	1
Hexachlorobutadiene	ND		ug/l	1.4	0.13	1
Naphthalene	2.1		ug/l	0.28	0.13	1
Benzo(a)anthracene	5.1		ug/l	0.28	0.05	1
Benzo(a)pyrene	4.6		ug/l	0.28	0.04	1
Benzo(b)fluoranthene	6.7		ug/l	0.28	0.03	1
Benzo(k)fluoranthene	6.8		ug/l	0.28	0.02	1
Chrysene	4.5		ug/l	0.28	0.03	1
Acenaphthylene	0.20	J	ug/l	0.28	0.03	1
Anthracene	1.6		ug/l	0.28	0.04	1
Benzo(ghi)perylene	2.2		ug/l	0.28	0.04	1
Fluorene	0.71		ug/l	0.28	0.04	1
Phenanthrene	7.5		ug/l	0.28	0.06	1
Dibenzo(a,h)anthracene	0.43		ug/l	0.28	0.04	1
Indeno(1,2,3-cd)pyrene	2.7		ug/l	0.28	0.03	1
Pyrene	12		ug/l	0.28	0.05	1
2-Methylnaphthalene	0.22	J	ug/l	0.28	0.06	1
Pentachlorophenol	4.8		ug/l	2.2	0.04	1
Hexachlorobenzene	ND		ug/l	2.2	0.03	1
Hexachloroethane	0.83	J	ug/l	2.2	0.17	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-06 Date Collected: 10/10/18 09:40

Client ID: GW-4 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	33		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	36		10-120
4-Terphenyl-d14	92		41-149

Project Name: ALEXANDER ST.
Lab Number: L1841053
Project Number: 25720.00
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-07 D2
Client ID: B-16 (4-5)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 10:47
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/23/18 01:03
Analyst: ALS
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1400000		ug/kg	48000	5800	250
2-Methylnaphthalene	350000		ug/kg	57000	5800	250

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-07 D
Client ID: B-16 (4-5)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 10:47
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/20/18 05:36
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	5100		ug/kg	1500	200	10
1,2,4-Trichlorobenzene	ND		ug/kg	1900	220	10
Hexachlorobenzene	ND		ug/kg	1100	210	10
Bis(2-chloroethyl)ether	ND		ug/kg	1700	260	10
2-Chloronaphthalene	ND		ug/kg	1900	190	10
1,2-Dichlorobenzene	ND		ug/kg	1900	340	10
1,3-Dichlorobenzene	ND		ug/kg	1900	330	10
1,4-Dichlorobenzene	ND		ug/kg	1900	330	10
3,3'-Dichlorobenzidine	ND		ug/kg	1900	510	10
2,4-Dinitrotoluene	ND		ug/kg	1900	380	10
2,6-Dinitrotoluene	ND		ug/kg	1900	330	10
Fluoranthene	25000		ug/kg	1100	220	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1900	200	10
4-Bromophenyl phenyl ether	ND		ug/kg	1900	290	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2300	320	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2100	190	10
Hexachlorobutadiene	ND		ug/kg	1900	280	10
Hexachlorocyclopentadiene	ND		ug/kg	5400	1700	10
Hexachloroethane	ND		ug/kg	1500	310	10
Isophorone	ND		ug/kg	1700	250	10
Naphthalene	560000	E	ug/kg	1900	230	10
Nitrobenzene	ND		ug/kg	1700	280	10
NDPA/DPA	ND		ug/kg	1500	220	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1900	290	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1900	660	10
Butyl benzyl phthalate	ND		ug/kg	1900	480	10
Di-n-butylphthalate	ND		ug/kg	1900	360	10
Di-n-octylphthalate	ND		ug/kg	1900	650	10

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-07 D Date Collected: 10/10/18 10:47

Client ID: B-16 (4-5) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1900	180	10
Dimethyl phthalate	ND		ug/kg	1900	400	10
Benzo(a)anthracene	18000		ug/kg	1100	210	10
Benzo(a)pyrene	6200		ug/kg	1500	460	10
Benzo(b)fluoranthene	9100		ug/kg	1100	320	10
Benzo(k)fluoranthene	2300		ug/kg	1100	300	10
Chrysene	19000		ug/kg	1100	200	10
Acenaphthylene	13000		ug/kg	1500	290	10
Anthracene	10000		ug/kg	1100	370	10
Benzo(ghi)perylene	3900		ug/kg	1500	220	10
Fluorene	13000		ug/kg	1900	180	10
Phenanthrene	51000		ug/kg	1100	230	10
Dibenzo(a,h)anthracene	1300		ug/kg	1100	220	10
Indeno(1,2,3-cd)pyrene	3600		ug/kg	1500	260	10
Pyrene	37000		ug/kg	1100	190	10
Biphenyl	14000		ug/kg	4400	440	10
4-Chloroaniline	ND		ug/kg	1900	350	10
2-Nitroaniline	ND		ug/kg	1900	370	10
3-Nitroaniline	ND		ug/kg	1900	360	10
4-Nitroaniline	ND		ug/kg	1900	790	10
Dibenzofuran	1800	J	ug/kg	1900	180	10
2-Methylnaphthalene	230000	E	ug/kg	2300	230	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1900	200	10
Acetophenone	ND		ug/kg	1900	240	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	360	10
p-Chloro-m-cresol	ND		ug/kg	1900	280	10
2-Chlorophenol	ND		ug/kg	1900	220	10
2,4-Dichlorophenol	ND		ug/kg	1700	310	10
2,4-Dimethylphenol	ND		ug/kg	1900	630	10
2-Nitrophenol	ND		ug/kg	4100	720	10
4-Nitrophenol	ND		ug/kg	2700	780	10
2,4-Dinitrophenol	ND		ug/kg	9200	890	10
4,6-Dinitro-o-cresol	ND		ug/kg	5000	920	10
Pentachlorophenol	ND		ug/kg	1500	420	10
Phenol	ND		ug/kg	1900	290	10
2-Methylphenol	ND		ug/kg	1900	300	10
3-Methylphenol/4-Methylphenol	740	J	ug/kg	2700	300	10

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-07 D Date Collected: 10/10/18 10:47

Client ID: B-16 (4-5) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1900	360	10
Benzoic Acid	ND		ug/kg	6200	1900	10
Benzyl Alcohol	ND		ug/kg	1900	580	10
Carbazole	590	J	ug/kg	1900	180	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	65		18-120

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-08
Client ID: B-15 (3-5)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 10:55
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/18/18 10:53
Analyst: RC
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	68	J	ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	430		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	210		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-08 Date Collected: 10/10/18 10:55

Client ID: B-15 (3-5) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	240		ug/kg	120	22.	1
Benzo(a)pyrene	250		ug/kg	160	48.	1
Benzo(b)fluoranthene	300		ug/kg	120	33.	1
Benzo(k)fluoranthene	110	J	ug/kg	120	31.	1
Chrysene	240		ug/kg	120	20.	1
Acenaphthylene	57	J	ug/kg	160	30.	1
Anthracene	100	J	ug/kg	120	38.	1
Benzo(ghi)perylene	210		ug/kg	160	23.	1
Fluorene	75	J	ug/kg	200	19.	1
Phenanthrene	350		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	51	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	220		ug/kg	160	27.	1
Pyrene	400		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	57	J	ug/kg	200	18.	1
2-Methylnaphthalene	58	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	48	J	ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	1100		ug/kg	280	31.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-08 Date Collected: 10/10/18 10:55

Client ID: B-15 (3-5) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	41	J	ug/kg	200	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	40		18-120

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1841053
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-09
Client ID: GW-5
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 11:00
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/19/18 08:34
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	9.2	0.91	1
Bis(2-chloroethyl)ether	ND		ug/l	3.7	0.93	1
1,2-Dichlorobenzene	ND		ug/l	3.7	0.83	1
1,3-Dichlorobenzene	ND		ug/l	3.7	0.74	1
1,4-Dichlorobenzene	ND		ug/l	3.7	0.79	1
3,3'-Dichlorobenzidine	ND		ug/l	9.2	3.0	1
2,4-Dinitrotoluene	ND		ug/l	9.2	2.1	1
2,6-Dinitrotoluene	ND		ug/l	9.2	1.7	1
4-Chlorophenyl phenyl ether	ND		ug/l	3.7	0.89	1
4-Bromophenyl phenyl ether	ND		ug/l	3.7	0.69	1
Bis(2-chloroisopropyl)ether	ND		ug/l	3.7	0.97	1
Bis(2-chloroethoxy)methane	ND		ug/l	9.2	0.92	1
Hexachlorocyclopentadiene	ND		ug/l	37	1.3	1
Isophorone	ND		ug/l	9.2	2.2	1
Nitrobenzene	ND		ug/l	3.7	1.4	1
NDPA/DPA	ND		ug/l	3.7	0.77	1
n-Nitrosodi-n-propylamine	ND		ug/l	9.2	1.2	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	5.5	2.8	1
Butyl benzyl phthalate	ND		ug/l	9.2	2.1	1
Di-n-butylphthalate	ND		ug/l	9.2	0.71	1
Di-n-octylphthalate	ND		ug/l	9.2	2.3	1
Diethyl phthalate	ND		ug/l	9.2	0.70	1
Dimethyl phthalate	ND		ug/l	9.2	3.3	1
Biphenyl	ND		ug/l	3.7	0.84	1
4-Chloroaniline	ND		ug/l	9.2	2.0	1
2-Nitroaniline	ND		ug/l	9.2	0.91	1
3-Nitroaniline	ND		ug/l	9.2	1.5	1
4-Nitroaniline	ND		ug/l	9.2	1.5	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-09 Date Collected: 10/10/18 11:00

Client ID: GW-5 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	2.1	J	ug/l	3.7	0.91	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	18	0.81	1
Acetophenone	ND		ug/l	9.2	0.97	1
2,4,6-Trichlorophenol	ND		ug/l	9.2	1.1	1
p-Chloro-m-cresol	ND		ug/l	3.7	0.64	1
2-Chlorophenol	ND		ug/l	3.7	0.88	1
2,4-Dichlorophenol	ND		ug/l	9.2	0.75	1
2,4-Dimethylphenol	ND		ug/l	9.2	3.3	1
2-Nitrophenol	ND		ug/l	18	1.6	1
4-Nitrophenol	ND		ug/l	18	1.2	1
2,4-Dinitrophenol	ND		ug/l	37	12.	1
4,6-Dinitro-o-cresol	ND		ug/l	18	3.3	1
Phenol	ND		ug/l	9.2	1.0	1
2-Methylphenol	ND		ug/l	9.2	0.90	1
3-Methylphenol/4-Methylphenol	ND		ug/l	9.2	0.88	1
2,4,5-Trichlorophenol	ND		ug/l	9.2	1.4	1
Benzoic Acid	ND		ug/l	92	4.9	1
Benzyl Alcohol	ND		ug/l	3.7	1.1	1
Carbazole	2.7	J	ug/l	3.7	0.90	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	69		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	78		41-149

Project Name: ALEXANDER ST.
Lab Number: L1841053
Project Number: 25720.00
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-09
Client ID: GW-5
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 11:00
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/24/18 14:27
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 08:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	9.8		ug/l	0.18	0.03	1
2-Chloronaphthalene	ND		ug/l	0.37	0.03	1
Fluoranthene	9.1		ug/l	0.18	0.04	1
Hexachlorobutadiene	ND		ug/l	0.92	0.09	1
Naphthalene	0.63		ug/l	0.18	0.09	1
Benzo(a)anthracene	3.2		ug/l	0.18	0.04	1
Benzo(a)pyrene	2.7		ug/l	0.18	0.03	1
Benzo(b)fluoranthene	3.8		ug/l	0.18	0.02	1
Benzo(k)fluoranthene	1.3		ug/l	0.18	0.02	1
Chrysene	2.8		ug/l	0.18	0.02	1
Acenaphthylene	0.27		ug/l	0.18	0.02	1
Anthracene	3.4		ug/l	0.18	0.03	1
Benzo(ghi)perylene	1.7		ug/l	0.18	0.03	1
Fluorene	6.2		ug/l	0.18	0.03	1
Phenanthrene	13		ug/l	0.18	0.04	1
Dibenzo(a,h)anthracene	0.41		ug/l	0.18	0.02	1
Indeno(1,2,3-cd)pyrene	1.8		ug/l	0.18	0.02	1
Pyrene	8.8		ug/l	0.18	0.04	1
2-Methylnaphthalene	0.47		ug/l	0.18	0.04	1
Pentachlorophenol	ND		ug/l	1.5	0.03	1
Hexachlorobenzene	ND		ug/l	1.5	0.02	1
Hexachloroethane	ND		ug/l	1.5	0.12	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-09 Date Collected: 10/10/18 11:00

Client ID: GW-5 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	47		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	88		41-149

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-10
Client ID: B-9 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 13:30
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/20/18 02:38
Analyst: EK
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 10/19/18 12:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	39.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	76.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	75.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-10 Date Collected: 10/10/18 13:30

Client ID: B-9 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	51.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	91.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	83.	1
4-Nitrophenol	ND		ug/kg	310	90.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	100	1
Pentachlorophenol	ND		ug/kg	180	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	34.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-10 Date Collected: 10/10/18 13:30

Client ID: B-9 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Benzoic Acid	ND		ug/kg	710	220	1
Benzyl Alcohol	ND		ug/kg	220	67.	1
Carbazole	ND		ug/kg	220	21.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**11**	Q	25-120
Phenol-d6	40		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	10		10-136
4-Terphenyl-d14	63		18-120

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-11
Client ID: B-9 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 13:35
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/18/18 11:20
Analyst: RC
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1300		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	7300		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	810		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-11 Date Collected: 10/10/18 13:35

Client ID: B-9 (8-10) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	4700		ug/kg	110	22.	1
Benzo(a)pyrene	4100		ug/kg	150	47.	1
Benzo(b)fluoranthene	5400		ug/kg	110	32.	1
Benzo(k)fluoranthene	1500		ug/kg	110	31.	1
Chrysene	4100		ug/kg	110	20.	1
Acenaphthylene	430		ug/kg	150	30.	1
Anthracene	3000		ug/kg	110	37.	1
Benzo(ghi)perylene	2800		ug/kg	150	22.	1
Fluorene	1300		ug/kg	190	19.	1
Phenanthrene	7400		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	590		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	3200		ug/kg	150	27.	1
Pyrene	6800		ug/kg	110	19.	1
Biphenyl	180	J	ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	1000		ug/kg	190	18.	1
2-Methylnaphthalene	440		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	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	41	J	ug/kg	280	30.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-11 Date Collected: 10/10/18 13:35

Client ID: B-9 (8-10) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	1000		ug/kg	190	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	49		18-120

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-12
Client ID: B-10 (6-8)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 14:35
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/18/18 11:45
Analyst: RC
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	49	J	ug/kg	190	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	27.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	32.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
1,2-Dichlorobenzene	ND		ug/kg	230	42.	1
1,3-Dichlorobenzene	ND		ug/kg	230	40.	1
1,4-Dichlorobenzene	ND		ug/kg	230	41.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	62.	1
2,4-Dinitrotoluene	ND		ug/kg	230	47.	1
2,6-Dinitrotoluene	ND		ug/kg	230	40.	1
Fluoranthene	760		ug/kg	140	27.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	40.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	670	210	1
Hexachloroethane	ND		ug/kg	190	38.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	170	J	ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	35.	1
NDPA/DPA	ND		ug/kg	190	27.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	36.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	81.	1
Butyl benzyl phthalate	ND		ug/kg	230	59.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	80.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-12 Date Collected: 10/10/18 14:35

Client ID: B-10 (6-8) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	230	22.	1
Dimethyl phthalate	ND		ug/kg	230	49.	1
Benzo(a)anthracene	400		ug/kg	140	26.	1
Benzo(a)pyrene	400		ug/kg	190	57.	1
Benzo(b)fluoranthene	500		ug/kg	140	39.	1
Benzo(k)fluoranthene	170		ug/kg	140	37.	1
Chrysene	410		ug/kg	140	24.	1
Acenaphthylene	52	J	ug/kg	190	36.	1
Anthracene	170		ug/kg	140	46.	1
Benzo(ghi)perylene	430		ug/kg	190	28.	1
Fluorene	47	J	ug/kg	230	23.	1
Phenanthrene	640		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	82	J	ug/kg	140	27.	1
Indeno(1,2,3-cd)pyrene	380		ug/kg	190	33.	1
Pyrene	690		ug/kg	140	23.	1
Biphenyl	ND		ug/kg	530	54.	1
4-Chloroaniline	ND		ug/kg	230	43.	1
2-Nitroaniline	ND		ug/kg	230	45.	1
3-Nitroaniline	ND		ug/kg	230	44.	1
4-Nitroaniline	ND		ug/kg	230	97.	1
Dibenzofuran	56	J	ug/kg	230	22.	1
2-Methylnaphthalene	44	J	ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	29.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
p-Chloro-m-cresol	ND		ug/kg	230	35.	1
2-Chlorophenol	ND		ug/kg	230	28.	1
2,4-Dichlorophenol	ND		ug/kg	210	38.	1
2,4-Dimethylphenol	ND		ug/kg	230	77.	1
2-Nitrophenol	ND		ug/kg	500	88.	1
4-Nitrophenol	ND		ug/kg	330	96.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	610	110	1
Pentachlorophenol	ND		ug/kg	190	51.	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	39	J	ug/kg	340	37.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-12 Date Collected: 10/10/18 14:35

Client ID: B-10 (6-8) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	230	45.	1
Benzoic Acid	ND		ug/kg	760	240	1
Benzyl Alcohol	ND		ug/kg	230	72.	1
Carbazole	66	J	ug/kg	230	23.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	46		10-136
4-Terphenyl-d14	39		18-120

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/17/18 17:50
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 01:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06,09 Batch: WG1167997-1					
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: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/17/18 17:50
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 01:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06,09 Batch: WG1167997-1					
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: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/17/18 17:50
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 01:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06,09 Batch: WG1167997-1					
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	63		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	64		41-149

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/22/18 10:55
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 01:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06,09 Batch: WG1167998-1					
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	0.03	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: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/22/18 10:55
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/15/18 01:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06,09 Batch: WG1167998-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	80		41-149

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/17/18 01:15
Analyst: HL

Extraction Method: EPA 3546
Extraction Date: 10/15/18 16:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-05,07-08,11-12 Batch: WG1168268-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/17/18 01:15
Analyst: HL

Extraction Method: EPA 3546
Extraction Date: 10/15/18 16:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-05,07-08,11-12 Batch: WG1168268-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/17/18 01:15
Analyst: HL

Extraction Method: EPA 3546
Extraction Date: 10/15/18 16:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-05,07-08,11-12 Batch: WG1168268-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
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.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	83		18-120

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/16/18 12:17
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 03:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1168397-1					
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: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/16/18 12:17
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 03:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1168397-1					
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: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/16/18 12:17
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 03:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1168397-1					
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	46		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	63		41-149

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/16/18 14:47
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 03:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03 Batch: WG1168398-1					
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	ND		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: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/16/18 14:47
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 03:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03 Batch: WG1168398-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	41		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	72		41-149

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/19/18 23:41
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 10/19/18 09:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1170066-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/19/18 23:41
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 10/19/18 09:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1170066-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/19/18 23:41
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 10/19/18 09:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1170066-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	82		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,09 Batch: WG1167997-2 WG1167997-3								
Acenaphthene	86		80		37-111	7		30
1,2,4-Trichlorobenzene	80		74		39-98	8		30
Hexachlorobenzene	76		71		40-140	7		30
Bis(2-chloroethyl)ether	93		84		40-140	10		30
2-Chloronaphthalene	89		78		40-140	13		30
1,2-Dichlorobenzene	82		77		40-140	6		30
1,3-Dichlorobenzene	80		74		40-140	8		30
1,4-Dichlorobenzene	82		74		36-97	10		30
3,3'-Dichlorobenzidine	60		52		40-140	14		30
2,4-Dinitrotoluene	90		83		48-143	8		30
2,6-Dinitrotoluene	100		82		40-140	20		30
Fluoranthene	77		74		40-140	4		30
4-Chlorophenyl phenyl ether	87		79		40-140	10		30
4-Bromophenyl phenyl ether	80		74		40-140	8		30
Bis(2-chloroisopropyl)ether	96		87		40-140	10		30
Bis(2-chloroethoxy)methane	98		87		40-140	12		30
Hexachlorobutadiene	74		66		40-140	11		30
Hexachlorocyclopentadiene	68		57		40-140	18		30
Hexachloroethane	82		77		40-140	6		30
Isophorone	97		87		40-140	11		30
Naphthalene	89		78		40-140	13		30
Nitrobenzene	93		87		40-140	7		30
NDPA/DPA	86		74		40-140	15		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,09 Batch: WG1167997-2 WG1167997-3								
n-Nitrosodi-n-propylamine	101		93		29-132	8		30
Bis(2-ethylhexyl)phthalate	102		102		40-140	0		30
Butyl benzyl phthalate	81		77		40-140	5		30
Di-n-butylphthalate	88		82		40-140	7		30
Di-n-octylphthalate	93		93		40-140	0		30
Diethyl phthalate	95		88		40-140	8		30
Dimethyl phthalate	95		82		40-140	15		30
Benzo(a)anthracene	80		77		40-140	4		30
Benzo(a)pyrene	78		74		40-140	5		30
Benzo(b)fluoranthene	76		73		40-140	4		30
Benzo(k)fluoranthene	80		78		40-140	3		30
Chrysene	82		81		40-140	1		30
Acenaphthylene	90		80		45-123	12		30
Anthracene	85		80		40-140	6		30
Benzo(ghi)perylene	85		80		40-140	6		30
Fluorene	90		82		40-140	9		30
Phenanthrene	81		80		40-140	1		30
Dibenzo(a,h)anthracene	85		81		40-140	5		30
Indeno(1,2,3-cd)pyrene	84		84		40-140	0		30
Pyrene	74		70		26-127	6		30
Biphenyl	90		79		40-140	13		30
4-Chloroaniline	56		65		40-140	15		30
2-Nitroaniline	95		84		52-143	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,09 Batch: WG1167997-2 WG1167997-3								
3-Nitroaniline	75		61		25-145	21		30
4-Nitroaniline	78		71		51-143	9		30
Dibenzofuran	84		79		40-140	6		30
2-Methylnaphthalene	90		77		40-140	16		30
1,2,4,5-Tetrachlorobenzene	78		70		2-134	11		30
Acetophenone	93		82		39-129	13		30
2,4,6-Trichlorophenol	85		72		30-130	17		30
p-Chloro-m-cresol	92		80		23-97	14		30
2-Chlorophenol	90		80		27-123	12		30
2,4-Dichlorophenol	95		84		30-130	12		30
2,4-Dimethylphenol	41		**22**	Q	30-130	**60**	Q	30
2-Nitrophenol	102		94		30-130	8		30
4-Nitrophenol	**82**	Q	76		10-80	8		30
2,4-Dinitrophenol	84		83		20-130	1		30
4,6-Dinitro-o-cresol	86		80		20-164	7		30
Pentachlorophenol	69		63		9-103	9		30
Phenol	78		69		12-110	12		30
2-Methylphenol	86		67		30-130	25		30
3-Methylphenol/4-Methylphenol	92		77		30-130	18		30
2,4,5-Trichlorophenol	92		80		30-130	14		30
Benzoic Acid	95		94		10-164	1		30
Benzyl Alcohol	87		77		26-116	12		30
Carbazole	82		77		55-144	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

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Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,09 Batch: WG1167997-2 WG1167997-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		72		21-120
Phenol-d6	76		66		10-120
Nitrobenzene-d5	97		88		23-120
2-Fluorobiphenyl	89		77		15-120
2,4,6-Tribromophenol	77		69		10-120
4-Terphenyl-d14	72		71		41-149

Lab Control Sample Analysis

Batch Quality Control

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06,09 Batch: WG1167998-2 WG1167998-3								
Acenaphthene	84		86		40-140	2		40
2-Chloronaphthalene	88		92		40-140	4		40
Fluoranthene	93		97		40-140	4		40
Hexachlorobutadiene	77		79		40-140	3		40
Naphthalene	82		85		40-140	4		40
Benzo(a)anthracene	95		98		40-140	3		40
Benzo(a)pyrene	90		94		40-140	4		40
Benzo(b)fluoranthene	97		102		40-140	5		40
Benzo(k)fluoranthene	101		105		40-140	4		40
Chrysene	84		86		40-140	2		40
Acenaphthylene	102		106		40-140	4		40
Anthracene	88		89		40-140	1		40
Benzo(ghi)perylene	92		97		40-140	5		40
Fluorene	92		96		40-140	4		40
Phenanthrene	82		83		40-140	1		40
Dibenzo(a,h)anthracene	96		102		40-140	6		40
Indeno(1,2,3-cd)pyrene	94		101		40-140	7		40
Pyrene	91		96		40-140	5		40
2-Methylnaphthalene	86		90		40-140	5		40
Pentachlorophenol	79		76		40-140	4		40
Hexachlorobenzene	78		79		40-140	1		40
Hexachloroethane	81		85		40-140	5		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

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Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06,09 Batch: WG1167998-2 WG1167998-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58		56		21-120
Phenol-d6	70		68		10-120
Nitrobenzene-d5	97		101		23-120
2-Fluorobiphenyl	84		89		15-120
2,4,6-Tribromophenol	91		81		10-120
4-Terphenyl-d14	85		90		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05,07-08,11-12 Batch: WG1168268-2 WG1168268-3								
Acenaphthene	83		82		31-137	1		50
1,2,4-Trichlorobenzene	80		82		38-107	2		50
Hexachlorobenzene	83		82		40-140	1		50
Bis(2-chloroethyl)ether	80		80		40-140	0		50
2-Chloronaphthalene	84		85		40-140	1		50
1,2-Dichlorobenzene	80		82		40-140	2		50
1,3-Dichlorobenzene	77		79		40-140	3		50
1,4-Dichlorobenzene	78		79		28-104	1		50
3,3'-Dichlorobenzidine	58		52		40-140	11		50
2,4-Dinitrotoluene	88		88		40-132	0		50
2,6-Dinitrotoluene	92		92		40-140	0		50
Fluoranthene	85		84		40-140	1		50
4-Chlorophenyl phenyl ether	85		82		40-140	4		50
4-Bromophenyl phenyl ether	85		83		40-140	2		50
Bis(2-chloroisopropyl)ether	82		82		40-140	0		50
Bis(2-chloroethoxy)methane	82		80		40-117	2		50
Hexachlorobutadiene	81		81		40-140	0		50
Hexachlorocyclopentadiene	77		81		40-140	5		50
Hexachloroethane	78		78		40-140	0		50
Isophorone	83		84		40-140	1		50
Naphthalene	84		85		40-140	1		50
Nitrobenzene	81		82		40-140	1		50
NDPA/DPA	86		84		36-157	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05,07-08,11-12 Batch: WG1168268-2 WG1168268-3								
n-Nitrosodi-n-propylamine	85		83		32-121	2		50
Bis(2-ethylhexyl)phthalate	93		91		40-140	2		50
Butyl benzyl phthalate	87		86		40-140	1		50
Di-n-butylphthalate	88		88		40-140	0		50
Di-n-octylphthalate	89		88		40-140	1		50
Diethyl phthalate	85		83		40-140	2		50
Dimethyl phthalate	87		87		40-140	0		50
Benzo(a)anthracene	84		81		40-140	4		50
Benzo(a)pyrene	88		85		40-140	3		50
Benzo(b)fluoranthene	86		84		40-140	2		50
Benzo(k)fluoranthene	89		86		40-140	3		50
Chrysene	84		82		40-140	2		50
Acenaphthylene	87		88		40-140	1		50
Anthracene	86		84		40-140	2		50
Benzo(ghi)perylene	89		85		40-140	5		50
Fluorene	85		82		40-140	4		50
Phenanthrene	82		82		40-140	0		50
Dibenzo(a,h)anthracene	89		85		40-140	5		50
Indeno(1,2,3-cd)pyrene	90		85		40-140	6		50
Pyrene	85		84		35-142	1		50
Biphenyl	86		87		54-104	1		50
4-Chloroaniline	40		**38**	Q	40-140	5		50
2-Nitroaniline	91		91		47-134	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05,07-08,11-12 Batch: WG1168268-2 WG1168268-3								
3-Nitroaniline	74		72		26-129	3		50
4-Nitroaniline	88		85		41-125	3		50
Dibenzofuran	84		82		40-140	2		50
2-Methylnaphthalene	85		86		40-140	1		50
1,2,4,5-Tetrachlorobenzene	80		84		40-117	5		50
Acetophenone	83		82		14-144	1		50
2,4,6-Trichlorophenol	89		90		30-130	1		50
p-Chloro-m-cresol	91		93		26-103	2		50
2-Chlorophenol	84		85		25-102	1		50
2,4-Dichlorophenol	92		88		30-130	4		50
2,4-Dimethylphenol	91		91		30-130	0		50
2-Nitrophenol	85		89		30-130	5		50
4-Nitrophenol	91		91		11-114	0		50
2,4-Dinitrophenol	65		66		4-130	2		50
4,6-Dinitro-o-cresol	73		73		10-130	0		50
Pentachlorophenol	89		86		17-109	3		50
Phenol	85		85		26-90	0		50
2-Methylphenol	88		86		30-130.	2		50
3-Methylphenol/4-Methylphenol	87		86		30-130	1		50
2,4,5-Trichlorophenol	94		95		30-130	1		50
Benzoic Acid	51		43		10-110	17		50
Benzyl Alcohol	85		87		40-140	2		50
Carbazole	86		85		54-128	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05,07-08,11-12 Batch: WG1168268-2 WG1168268-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	89		91		25-120
Phenol-d6	90		89		10-120
Nitrobenzene-d5	87		85		23-120
2-Fluorobiphenyl	88		88		30-120
2,4,6-Tribromophenol	89		88		10-136
4-Terphenyl-d14	81		79		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1168397-2 WG1168397-3								
Acenaphthene	62		55		37-111	12		30
1,2,4-Trichlorobenzene	58		49		39-98	17		30
Hexachlorobenzene	58		49		40-140	17		30
Bis(2-chloroethyl)ether	67		55		40-140	20		30
2-Chloronaphthalene	60		55		40-140	9		30
1,2-Dichlorobenzene	60		50		40-140	18		30
1,3-Dichlorobenzene	58		48		40-140	19		30
1,4-Dichlorobenzene	59		50		36-97	17		30
3,3'-Dichlorobenzidine	52		43		40-140	19		30
2,4-Dinitrotoluene	66		59		48-143	11		30
2,6-Dinitrotoluene	70		60		40-140	15		30
Fluoranthene	66		55		40-140	18		30
4-Chlorophenyl phenyl ether	65		58		40-140	11		30
4-Bromophenyl phenyl ether	60		53		40-140	12		30
Bis(2-chloroisopropyl)ether	69		60		40-140	14		30
Bis(2-chloroethoxy)methane	69		58		40-140	17		30
Hexachlorobutadiene	50		46		40-140	8		30
Hexachlorocyclopentadiene	**38**	Q	**38**	Q	40-140	0		30
Hexachloroethane	61		51		40-140	18		30
Isophorone	69		57		40-140	19		30
Naphthalene	61		53		40-140	14		30
Nitrobenzene	68		55		40-140	21		30
NDPA/DPA	70		61		40-140	14		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1168397-2 WG1168397-3								
n-Nitrosodi-n-propylamine	75		62		29-132	19		30
Bis(2-ethylhexyl)phthalate	74		73		40-140	1		30
Butyl benzyl phthalate	69		62		40-140	11		30
Di-n-butylphthalate	66		57		40-140	15		30
Di-n-octylphthalate	70		70		40-140	0		30
Diethyl phthalate	72		63		40-140	13		30
Dimethyl phthalate	69		59		40-140	16		30
Benzo(a)anthracene	62		58		40-140	7		30
Benzo(a)pyrene	68		63		40-140	8		30
Benzo(b)fluoranthene	70		61		40-140	14		30
Benzo(k)fluoranthene	69		62		40-140	11		30
Chrysene	65		59		40-140	10		30
Acenaphthylene	62		54		45-123	14		30
Anthracene	67		58		40-140	14		30
Benzo(ghi)perylene	71		60		40-140	17		30
Fluorene	66		58		40-140	13		30
Phenanthrene	64		57		40-140	12		30
Dibenzo(a,h)anthracene	72		58		40-140	22		30
Indeno(1,2,3-cd)pyrene	72		61		40-140	17		30
Pyrene	64		54		26-127	17		30
Biphenyl	62		55		40-140	12		30
4-Chloroaniline	**9**	Q	**8**	Q	40-140	6		30
2-Nitroaniline	66		55		52-143	18		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1168397-2 WG1168397-3								
3-Nitroaniline	36		31		25-145	15		30
4-Nitroaniline	58		**48**	Q	51-143	19		30
Dibenzofuran	63		55		40-140	14		30
2-Methylnaphthalene	60		53		40-140	12		30
1,2,4,5-Tetrachlorobenzene	53		49		2-134	8		30
Acetophenone	67		55		39-129	20		30
2,4,6-Trichlorophenol	62		51		30-130	19		30
p-Chloro-m-cresol	67		58		23-97	14		30
2-Chlorophenol	67		55		27-123	20		30
2,4-Dichlorophenol	70		58		30-130	19		30
2,4-Dimethylphenol	71		59		30-130	18		30
2-Nitrophenol	72		60		30-130	18		30
4-Nitrophenol	65		57		10-80	13		30
2,4-Dinitrophenol	52		45		20-130	14		30
4,6-Dinitro-o-cresol	65		58		20-164	11		30
Pentachlorophenol	46		37		9-103	22		30
Phenol	54		46		12-110	16		30
2-Methylphenol	68		57		30-130	18		30
3-Methylphenol/4-Methylphenol	65		55		30-130	17		30
2,4,5-Trichlorophenol	67		56		30-130	18		30
Benzoic Acid	53		49		10-164	8		30
Benzyl Alcohol	56		47		26-116	17		30
Carbazole	66		58		55-144	13		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1168397-2 WG1168397-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	57		48		21-120
Phenol-d6	51		44		10-120
Nitrobenzene-d5	69		59		23-120
2-Fluorobiphenyl	64		54		15-120
2,4,6-Tribromophenol	63		55		10-120
4-Terphenyl-d14	65		52		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03 Batch: WG1168398-2 WG1168398-3								
Acenaphthene	75		79		40-140	5		40
2-Chloronaphthalene	83		85		40-140	2		40
Fluoranthene	76		76		40-140	0		40
Hexachlorobutadiene	64		68		40-140	6		40
Naphthalene	66		76		40-140	14		40
Benzo(a)anthracene	78		80		40-140	3		40
Benzo(a)pyrene	70		71		40-140	1		40
Benzo(b)fluoranthene	67		68		40-140	1		40
Benzo(k)fluoranthene	81		78		40-140	4		40
Chrysene	71		72		40-140	1		40
Acenaphthylene	78		82		40-140	5		40
Anthracene	75		76		40-140	1		40
Benzo(ghi)perylene	47		51		40-140	8		40
Fluorene	78		80		40-140	3		40
Phenanthrene	72		74		40-140	3		40
Dibenzo(a,h)anthracene	53		56		40-140	6		40
Indeno(1,2,3-cd)pyrene	48		53		40-140	10		40
Pyrene	75		75		40-140	0		40
2-Methylnaphthalene	90		95		40-140	5		40
Pentachlorophenol	57		56		40-140	2		40
Hexachlorobenzene	83		84		40-140	1		40
Hexachloroethane	59		66		40-140	11		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03 Batch: WG1168398-2 WG1168398-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		55		21-120
Phenol-d6	49		50		10-120
Nitrobenzene-d5	56		68		23-120
2-Fluorobiphenyl	85		83		15-120
2,4,6-Tribromophenol	103		102		10-120
4-Terphenyl-d14	69		67		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1170066-2 WG1170066-3								
Acenaphthene	69		72		31-137	4		50
1,2,4-Trichlorobenzene	64		68		38-107	6		50
Hexachlorobenzene	64		68		40-140	6		50
Bis(2-chloroethyl)ether	67		72		40-140	7		50
2-Chloronaphthalene	66		70		40-140	6		50
1,2-Dichlorobenzene	64		68		40-140	6		50
1,3-Dichlorobenzene	61		66		40-140	8		50
1,4-Dichlorobenzene	63		67		28-104	6		50
3,3'-Dichlorobenzidine	50		55		40-140	10		50
2,4-Dinitrotoluene	67		72		40-132	7		50
2,6-Dinitrotoluene	65		69		40-140	6		50
Fluoranthene	68		71		40-140	4		50
4-Chlorophenyl phenyl ether	68		72		40-140	6		50
4-Bromophenyl phenyl ether	67		71		40-140	6		50
Bis(2-chloroisopropyl)ether	91		98		40-140	7		50
Bis(2-chloroethoxy)methane	68		73		40-117	7		50
Hexachlorobutadiene	64		68		40-140	6		50
Hexachlorocyclopentadiene	64		68		40-140	6		50
Hexachloroethane	66		71		40-140	7		50
Isophorone	68		73		40-140	7		50
Naphthalene	66		70		40-140	6		50
Nitrobenzene	68		72		40-140	6		50
NDPA/DPA	68		72		36-157	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1170066-2 WG1170066-3								
n-Nitrosodi-n-propylamine	70		75		32-121	7		50
Bis(2-ethylhexyl)phthalate	78		80		40-140	3		50
Butyl benzyl phthalate	71		77		40-140	8		50
Di-n-butylphthalate	73		76		40-140	4		50
Di-n-octylphthalate	76		78		40-140	3		50
Diethyl phthalate	70		72		40-140	3		50
Dimethyl phthalate	67		70		40-140	4		50
Benzo(a)anthracene	68		70		40-140	3		50
Benzo(a)pyrene	65		68		40-140	5		50
Benzo(b)fluoranthene	63		66		40-140	5		50
Benzo(k)fluoranthene	67		70		40-140	4		50
Chrysene	69		71		40-140	3		50
Acenaphthylene	68		72		40-140	6		50
Anthracene	71		74		40-140	4		50
Benzo(ghi)perylene	67		70		40-140	4		50
Fluorene	67		71		40-140	6		50
Phenanthrene	70		74		40-140	6		50
Dibenzo(a,h)anthracene	67		71		40-140	6		50
Indeno(1,2,3-cd)pyrene	64		69		40-140	8		50
Pyrene	67		71		35-142	6		50
Biphenyl	69		74		54-104	7		50
4-Chloroaniline	71		79		40-140	11		50
2-Nitroaniline	66		70		47-134	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1170066-2 WG1170066-3								
3-Nitroaniline	48		56		26-129	15		50
4-Nitroaniline	62		66		41-125	6		50
Dibenzofuran	68		72		40-140	6		50
2-Methylnaphthalene	66		72		40-140	9		50
1,2,4,5-Tetrachlorobenzene	67		71		40-117	6		50
Acetophenone	67		71		14-144	6		50
2,4,6-Trichlorophenol	67		70		30-130	4		50
p-Chloro-m-cresol	68		72		26-103	6		50
2-Chlorophenol	66		71		25-102	7		50
2,4-Dichlorophenol	67		72		30-130	7		50
2,4-Dimethylphenol	70		74		30-130	6		50
2-Nitrophenol	65		70		30-130	7		50
4-Nitrophenol	71		69		11-114	3		50
2,4-Dinitrophenol	55		59		4-130	7		50
4,6-Dinitro-o-cresol	67		72		10-130	7		50
Pentachlorophenol	62		65		17-109	5		50
Phenol	68		73		26-90	7		50
2-Methylphenol	69		74		30-130.	7		50
3-Methylphenol/4-Methylphenol	65		71		30-130	9		50
2,4,5-Trichlorophenol	67		69		30-130	3		50
Benzoic Acid	50		52		10-110	4		50
Benzyl Alcohol	70		74		40-140	6		50
Carbazole	68		72		54-128	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1170066-2 WG1170066-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		70		25-120
Phenol-d6	68		73		10-120
Nitrobenzene-d5	66		71		23-120
2-Fluorobiphenyl	65		69		30-120
2,4,6-Tribromophenol	62		64		10-136
4-Terphenyl-d14	65		67		18-120

PCBS

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-01 D
Client ID: B-7 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 08:00
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/19/18 05:19
Analyst: AWS
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 14:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	179	15.9	5	A
Aroclor 1221	ND		ug/kg	179	17.9	5	A
Aroclor 1232	ND		ug/kg	179	37.9	5	A
Aroclor 1242	ND		ug/kg	179	24.1	5	A
Aroclor 1248	ND		ug/kg	179	26.8	5	A
Aroclor 1254	ND		ug/kg	179	19.6	5	A
Aroclor 1260	1360		ug/kg	179	33.1	5	B
Aroclor 1262	ND		ug/kg	179	22.7	5	A
Aroclor 1268	ND		ug/kg	179	18.5	5	A
PCBs, Total	1360		ug/kg	179	15.9	5	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	46		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-02
Client ID: B-7 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 08:05
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/18/18 20:10
Analyst: HT
Percent Solids: 70%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 14:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	46.2	4.10	1	A
Aroclor 1221	ND		ug/kg	46.2	4.63	1	A
Aroclor 1232	ND		ug/kg	46.2	9.79	1	A
Aroclor 1242	ND		ug/kg	46.2	6.23	1	A
Aroclor 1248	ND		ug/kg	46.2	6.93	1	A
Aroclor 1254	ND		ug/kg	46.2	5.05	1	A
Aroclor 1260	99.4		ug/kg	46.2	8.54	1	B
Aroclor 1262	ND		ug/kg	46.2	5.87	1	A
Aroclor 1268	ND		ug/kg	46.2	4.79	1	A
PCBs, Total	99.4		ug/kg	46.2	4.10	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-03
Client ID: GW-3
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 08:55
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/18/18 15:24
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 06:00
Cleanup Method: EPA 3665A
Cleanup Date: 10/16/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	112		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-04
Client ID: B-8 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 09:10
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/18/18 20:22
Analyst: HT
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 14:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.7	3.35	1	A
Aroclor 1221	ND		ug/kg	37.7	3.78	1	A
Aroclor 1232	ND		ug/kg	37.7	7.99	1	A
Aroclor 1242	ND		ug/kg	37.7	5.08	1	A
Aroclor 1248	ND		ug/kg	37.7	5.65	1	A
Aroclor 1254	ND		ug/kg	37.7	4.12	1	A
Aroclor 1260	94.8		ug/kg	37.7	6.96	1	B
Aroclor 1262	ND		ug/kg	37.7	4.79	1	A
Aroclor 1268	ND		ug/kg	37.7	3.90	1	A
PCBs, Total	94.8		ug/kg	37.7	3.35	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-05
Client ID: B-8 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 09:20
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/18/18 20:35
Analyst: HT
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 14:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	3.28	1	A
Aroclor 1221	ND		ug/kg	37.0	3.70	1	A
Aroclor 1232	ND		ug/kg	37.0	7.84	1	A
Aroclor 1242	188		ug/kg	37.0	4.98	1	B
Aroclor 1248	ND		ug/kg	37.0	5.55	1	A
Aroclor 1254	144		ug/kg	37.0	4.05	1	A
Aroclor 1260	132		ug/kg	37.0	6.83	1	B
Aroclor 1262	ND		ug/kg	37.0	4.70	1	A
Aroclor 1268	ND		ug/kg	37.0	3.83	1	A
PCBs, Total	464		ug/kg	37.0	3.28	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-06
Client ID: GW-4
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 09:40
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/18/18 15:38
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 06:00
Cleanup Method: EPA 3665A
Cleanup Date: 10/16/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-07
Client ID: B-16 (4-5)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 10:47
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/18/18 20:47
Analyst: HT
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 14:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.6	3.34	1	A
Aroclor 1221	ND		ug/kg	37.6	3.76	1	A
Aroclor 1232	ND		ug/kg	37.6	7.96	1	A
Aroclor 1242	ND		ug/kg	37.6	5.06	1	A
Aroclor 1248	ND		ug/kg	37.6	5.64	1	A
Aroclor 1254	ND		ug/kg	37.6	4.11	1	A
Aroclor 1260	ND		ug/kg	37.6	6.94	1	A
Aroclor 1262	ND		ug/kg	37.6	4.77	1	A
Aroclor 1268	ND		ug/kg	37.6	3.89	1	A
PCBs, Total	ND		ug/kg	37.6	3.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	30		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	32		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-08
Client ID: B-15 (3-5)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 10:55
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/18/18 20:59
Analyst: HT
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 14:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

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	ND		ug/kg	38.4	7.09	1	A
Aroclor 1262	ND		ug/kg	38.4	4.87	1	A
Aroclor 1268	ND		ug/kg	38.4	3.98	1	A
PCBs, Total	ND		ug/kg	38.4	3.41	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-09
Client ID: GW-5
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 11:00
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/18/18 15:51
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 06:00
Cleanup Method: EPA 3665A
Cleanup Date: 10/16/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-10
Client ID: B-9 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 13:30
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/18/18 21:11
Analyst: HT
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 14:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	43.4	3.86	1	A
Aroclor 1221	ND		ug/kg	43.4	4.35	1	A
Aroclor 1232	ND		ug/kg	43.4	9.21	1	A
Aroclor 1242	ND		ug/kg	43.4	5.86	1	A
Aroclor 1248	ND		ug/kg	43.4	6.52	1	A
Aroclor 1254	ND		ug/kg	43.4	4.75	1	A
Aroclor 1260	ND		ug/kg	43.4	8.03	1	A
Aroclor 1262	ND		ug/kg	43.4	5.52	1	A
Aroclor 1268	ND		ug/kg	43.4	4.50	1	A
PCBs, Total	ND		ug/kg	43.4	3.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-11
Client ID: B-9 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 13:35
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/18/18 21:24
Analyst: HT
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 14:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.3	3.40	1	A
Aroclor 1221	ND		ug/kg	38.3	3.83	1	A
Aroclor 1232	ND		ug/kg	38.3	8.11	1	A
Aroclor 1242	ND		ug/kg	38.3	5.16	1	A
Aroclor 1248	ND		ug/kg	38.3	5.74	1	A
Aroclor 1254	ND		ug/kg	38.3	4.18	1	A
Aroclor 1260	9.70	J	ug/kg	38.3	7.07	1	B
Aroclor 1262	ND		ug/kg	38.3	4.86	1	A
Aroclor 1268	ND		ug/kg	38.3	3.96	1	A
PCBs, Total	9.70	J	ug/kg	38.3	3.40	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-12
Client ID: B-10 (6-8)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 14:35
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/18/18 21:36
Analyst: HT
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 14:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	45.4	4.04	1	A
Aroclor 1221	ND		ug/kg	45.4	4.55	1	A
Aroclor 1232	ND		ug/kg	45.4	9.63	1	A
Aroclor 1242	ND		ug/kg	45.4	6.12	1	A
Aroclor 1248	ND		ug/kg	45.4	6.82	1	A
Aroclor 1254	ND		ug/kg	45.4	4.97	1	A
Aroclor 1260	ND		ug/kg	45.4	8.40	1	A
Aroclor 1262	ND		ug/kg	45.4	5.77	1	A
Aroclor 1268	5.18	J	ug/kg	45.4	4.71	1	B
PCBs, Total	5.18	J	ug/kg	45.4	4.04	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/18/18 22:13
Analyst: HT

Extraction Method: EPA 3546
Extraction Date: 10/15/18 14:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02,04-05,07-08,10-12 Batch: WG1168214-1						
Aroclor 1016	ND		ug/kg	31.9	2.84	A
Aroclor 1221	ND		ug/kg	31.9	3.20	A
Aroclor 1232	ND		ug/kg	31.9	6.77	A
Aroclor 1242	ND		ug/kg	31.9	4.30	A
Aroclor 1248	ND		ug/kg	31.9	4.79	A
Aroclor 1254	ND		ug/kg	31.9	3.49	A
Aroclor 1260	ND		ug/kg	31.9	5.90	A
Aroclor 1262	ND		ug/kg	31.9	4.05	A
Aroclor 1268	ND		ug/kg	31.9	3.31	A
PCBs, Total	ND		ug/kg	31.9	2.84	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/16/18 10:40
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 03:10
Cleanup Method: EPA 3665A
Cleanup Date: 10/16/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03,06,09 Batch: WG1168395-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	ND		ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	71		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,04-05,07-08,10-12 Batch: WG1168214-2 WG1168214-3									
Aroclor 1016	73		76		40-140	4		50	A
Aroclor 1260	61		66		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		76		30-150	A
Decachlorobiphenyl	55		59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		75		30-150	B
Decachlorobiphenyl	59		61		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03,06,09 Batch: WG1168395-2 WG1168395-3									
Aroclor 1016	73		72		40-140	2		50	A
Aroclor 1260	84		89		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		83		30-150	A
Decachlorobiphenyl	94		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		85		30-150	B
Decachlorobiphenyl	89		90		30-150	B

PESTICIDES

Project Name: ALEXANDER ST.
Lab Number: L1841053
Project Number: 25720.00
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-01 D
Client ID: B-7 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 08:00
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/18/18 02:27
Analyst: KB
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 18:57
Cleanup Method: EPA 3620B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.47	1.66	5	A
Lindane	ND		ug/kg	3.53	1.58	5	A
Alpha-BHC	ND		ug/kg	3.53	1.00	5	A
Beta-BHC	ND		ug/kg	8.47	3.21	5	A
Heptachlor	ND		ug/kg	4.24	1.90	5	A
Aldrin	ND		ug/kg	8.47	2.98	5	A
Heptachlor epoxide	ND		ug/kg	15.9	4.76	5	A
Endrin	ND		ug/kg	3.53	1.45	5	A
Endrin aldehyde	ND		ug/kg	10.6	3.71	5	A
Endrin ketone	ND		ug/kg	8.47	2.18	5	A
Dieldrin	15.5	P	ug/kg	5.30	2.65	5	A
4,4'-DDE	ND		ug/kg	8.47	1.96	5	A
4,4'-DDD	ND		ug/kg	8.47	3.02	5	A
4,4'-DDT	16.6		ug/kg	15.9	6.81	5	B
Endosulfan I	ND		ug/kg	8.47	2.00	5	A
Endosulfan II	ND		ug/kg	8.47	2.83	5	A
Endosulfan sulfate	ND		ug/kg	3.53	1.68	5	A
Methoxychlor	ND		ug/kg	15.9	4.94	5	A
Toxaphene	ND		ug/kg	159	44.5	5	A
cis-Chlordane	ND		ug/kg	10.6	2.95	5	A
trans-Chlordane	ND	PI	ug/kg	10.6	2.80	5	A
Chlordane	ND		ug/kg	68.8	28.1	5	A

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-01 D
Client ID: B-7 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 08:00
Date Received: 10/10/18
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	36		30-150	B
Decachlorobiphenyl	**22**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	42		30-150	A

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-02 D
Client ID: B-7 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 08:05
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/18 16:01
Analyst: KEG
Percent Solids: 70%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 18:57
Cleanup Method: EPA 3620B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	22.3	4.36	10	A
Lindane	ND		ug/kg	9.29	4.15	10	A
Alpha-BHC	24.8		ug/kg	9.29	2.64	10	B
Beta-BHC	ND		ug/kg	22.3	8.45	10	A
Heptachlor	ND		ug/kg	11.1	5.00	10	A
Aldrin	ND		ug/kg	22.3	7.85	10	A
Heptachlor epoxide	ND		ug/kg	41.8	12.5	10	A
Endrin	ND		ug/kg	9.29	3.81	10	A
Endrin aldehyde	ND		ug/kg	27.9	9.75	10	A
Endrin ketone	ND		ug/kg	22.3	5.74	10	A
Dieldrin	12.5	JPI	ug/kg	13.9	6.97	10	B
4,4'-DDE	ND		ug/kg	22.3	5.16	10	A
4,4'-DDD	ND		ug/kg	22.3	7.95	10	A
4,4'-DDT	ND		ug/kg	41.8	17.9	10	A
Endosulfan I	ND		ug/kg	22.3	5.27	10	A
Endosulfan II	ND	PI	ug/kg	22.3	7.45	10	A
Endosulfan sulfate	ND		ug/kg	9.29	4.42	10	A
Methoxychlor	ND		ug/kg	41.8	13.0	10	A
Toxaphene	ND		ug/kg	418	117.	10	A
cis-Chlordane	ND		ug/kg	27.9	7.76	10	A
trans-Chlordane	ND		ug/kg	27.9	7.36	10	A
Chlordane	ND		ug/kg	181	73.8	10	A

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-02 D
Client ID: B-7 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 08:05
Date Received: 10/10/18
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	129		30-150	B
Decachlorobiphenyl	94		30-150	B
2,4,5,6-Tetrachloro-m-xylene	**2570**	Q	30-150	A
Decachlorobiphenyl	75		30-150	A

Project Name: ALEXANDER ST.
Lab Number: L1841053
Project Number: 25720.00
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-03 D
Client ID: GW-3
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 08:55
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/19/18 13:48
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 10/17/18 08:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.143	0.033	10	A
Lindane	ND		ug/l	0.143	0.031	10	A
Alpha-BHC	ND		ug/l	0.143	0.031	10	A
Beta-BHC	ND		ug/l	0.143	0.040	10	A
Heptachlor	ND		ug/l	0.143	0.022	10	A
Aldrin	ND		ug/l	0.143	0.015	10	A
Heptachlor epoxide	ND		ug/l	0.143	0.030	10	A
Endrin	ND		ug/l	0.286	0.031	10	A
Endrin aldehyde	ND		ug/l	0.286	0.058	10	A
Endrin ketone	ND		ug/l	0.286	0.034	10	A
Dieldrin	ND		ug/l	0.286	0.031	10	A
4,4'-DDE	ND		ug/l	0.286	0.027	10	A
4,4'-DDD	ND		ug/l	0.286	0.033	10	A
4,4'-DDT	ND		ug/l	0.286	0.031	10	A
Endosulfan I	ND		ug/l	0.143	0.025	10	A
Endosulfan II	ND		ug/l	0.286	0.037	10	A
Endosulfan sulfate	ND		ug/l	0.286	0.034	10	A
Methoxychlor	ND		ug/l	1.43	0.049	10	A
Toxaphene	ND		ug/l	1.43	0.448	10	A
cis-Chlordane	ND		ug/l	0.143	0.048	10	A
trans-Chlordane	ND		ug/l	0.143	0.045	10	A
Chlordane	ND		ug/l	1.43	0.331	10	A

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-03 D
Client ID: GW-3
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 08:55
Date Received: 10/10/18
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	64		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: ALEXANDER ST.
Lab Number: L1841053
Project Number: 25720.00
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-04 D
Client ID: B-8 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 09:10
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/18/18 02:52
Analyst: KB
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 18:57
Cleanup Method: EPA 3620B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	9.34	1.83	5	A
Lindane	ND		ug/kg	3.89	1.74	5	A
Alpha-BHC	ND		ug/kg	3.89	1.10	5	A
Beta-BHC	ND		ug/kg	9.34	3.54	5	A
Heptachlor	ND		ug/kg	4.67	2.09	5	A
Aldrin	ND		ug/kg	9.34	3.29	5	A
Heptachlor epoxide	ND		ug/kg	17.5	5.26	5	A
Endrin	ND		ug/kg	3.89	1.60	5	A
Endrin aldehyde	ND		ug/kg	11.7	4.09	5	A
Endrin ketone	ND		ug/kg	9.34	2.41	5	A
Dieldrin	3.06	J	ug/kg	5.84	2.92	5	B
4,4'-DDE	ND		ug/kg	9.34	2.16	5	A
4,4'-DDD	ND		ug/kg	9.34	3.33	5	A
4,4'-DDT	ND		ug/kg	17.5	7.51	5	A
Endosulfan I	ND		ug/kg	9.34	2.21	5	A
Endosulfan II	ND		ug/kg	9.34	3.12	5	A
Endosulfan sulfate	ND		ug/kg	3.89	1.85	5	A
Methoxychlor	ND		ug/kg	17.5	5.45	5	A
Toxaphene	ND		ug/kg	175	49.0	5	A
cis-Chlordane	10.3	J	ug/kg	11.7	3.25	5	A
trans-Chlordane	16.0	PI	ug/kg	11.7	3.08	5	A
Chlordane	ND		ug/kg	75.9	31.0	5	A

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-04 D
Client ID: B-8 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 09:10
Date Received: 10/10/18
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	B
Decachlorobiphenyl	38		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	51		30-150	A

Project Name: ALEXANDER ST.
Lab Number: L1841053
Project Number: 25720.00
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-05 D
Client ID: B-8 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 09:20
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/19/18 15:28
Analyst: KEG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 18:57
Cleanup Method: EPA 3620B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	17.6	3.44	10	A
Lindane	ND		ug/kg	7.33	3.27	10	A
Alpha-BHC	ND		ug/kg	7.33	2.08	10	A
Beta-BHC	ND		ug/kg	17.6	6.67	10	A
Heptachlor	ND		ug/kg	8.79	3.94	10	A
Aldrin	ND		ug/kg	17.6	6.19	10	A
Heptachlor epoxide	ND		ug/kg	33.0	9.89	10	A
Endrin	ND		ug/kg	7.33	3.00	10	A
Endrin aldehyde	ND		ug/kg	22.0	7.69	10	A
Endrin ketone	ND		ug/kg	17.6	4.53	10	A
Dieldrin	10.0	JPI	ug/kg	11.0	5.49	10	B
4,4'-DDE	ND		ug/kg	17.6	4.06	10	A
4,4'-DDD	25.6		ug/kg	17.6	6.27	10	B
4,4'-DDT	16.7	JPI	ug/kg	33.0	14.1	10	A
Endosulfan I	ND		ug/kg	17.6	4.15	10	A
Endosulfan II	ND		ug/kg	17.6	5.88	10	A
Endosulfan sulfate	ND		ug/kg	7.33	3.49	10	A
Methoxychlor	ND		ug/kg	33.0	10.2	10	A
Toxaphene	ND		ug/kg	330	92.3	10	A
cis-Chlordane	ND		ug/kg	22.0	6.12	10	A
trans-Chlordane	ND		ug/kg	22.0	5.80	10	A
Chlordane	ND		ug/kg	143	58.2	10	A

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-05 D
Client ID: B-8 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 09:20
Date Received: 10/10/18
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	105		30-150	B
Decachlorobiphenyl	72		30-150	B
2,4,5,6-Tetrachloro-m-xylene	**18600**	Q	30-150	A
Decachlorobiphenyl	77		30-150	A

Project Name: ALEXANDER ST.
Lab Number: L1841053
Project Number: 25720.00
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-06
Client ID: GW-4
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 09:40
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/18/18 01:32
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 10/17/18 08:15

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	JPI	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: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-06 Date Collected: 10/10/18 09:40

Client ID: GW-4 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	90		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: ALEXANDER ST.
Lab Number: L1841053
Project Number: 25720.00
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-07 D
Client ID: B-16 (4-5)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 10:47
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/18 16:39
Analyst: KEG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 20:00
Cleanup Method: EPA 3620B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	370	72.5	200	A
Lindane	ND		ug/kg	154	69.0	200	A
Alpha-BHC	ND		ug/kg	154	43.8	200	A
Beta-BHC	ND		ug/kg	370	140.	200	A
Heptachlor	ND		ug/kg	185	83.0	200	A
Aldrin	ND		ug/kg	370	130.	200	A
Heptachlor epoxide	ND		ug/kg	695	208.	200	A
Endrin	ND		ug/kg	154	63.3	200	A
Endrin aldehyde	ND		ug/kg	463	162.	200	A
Endrin ketone	ND		ug/kg	370	95.4	200	A
Dieldrin	ND		ug/kg	232	116.	200	A
4,4'-DDE	ND		ug/kg	370	85.7	200	A
4,4'-DDD	ND		ug/kg	370	132.	200	A
4,4'-DDT	ND		ug/kg	695	298.	200	A
Endosulfan I	ND		ug/kg	370	87.5	200	A
Endosulfan II	ND		ug/kg	370	124.	200	A
Endosulfan sulfate	ND		ug/kg	154	73.5	200	A
Methoxychlor	ND		ug/kg	695	216.	200	A
Toxaphene	ND		ug/kg	6950	1940	200	A
cis-Chlordane	ND		ug/kg	463	129.	200	A
trans-Chlordane	ND		ug/kg	463	122.	200	A
Chlordane	ND		ug/kg	3010	1230	200	A

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-07 D
Client ID: B-16 (4-5)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 10:47
Date Received: 10/10/18
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	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-08 D
Client ID: B-15 (3-5)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 10:55
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/22/18 15:48
Analyst: KEG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 10/19/18 14:22
Cleanup Method: EPA 3620B
Cleanup Date: 10/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	18.5	3.62	10	A
Lindane	ND		ug/kg	7.71	3.44	10	A
Alpha-BHC	ND		ug/kg	7.71	2.19	10	A
Beta-BHC	ND		ug/kg	18.5	7.01	10	A
Heptachlor	ND		ug/kg	9.25	4.15	10	A
Aldrin	ND		ug/kg	18.5	6.51	10	A
Heptachlor epoxide	ND		ug/kg	34.7	10.4	10	A
Endrin	ND		ug/kg	7.71	3.16	10	A
Endrin aldehyde	ND		ug/kg	23.1	8.09	10	A
Endrin ketone	ND		ug/kg	18.5	4.76	10	A
Dieldrin	ND		ug/kg	11.6	5.78	10	A
4,4'-DDE	ND		ug/kg	18.5	4.28	10	A
4,4'-DDD	ND		ug/kg	18.5	6.60	10	A
4,4'-DDT	ND		ug/kg	34.7	14.9	10	A
Endosulfan I	ND		ug/kg	18.5	4.37	10	A
Endosulfan II	ND		ug/kg	18.5	6.18	10	A
Endosulfan sulfate	ND		ug/kg	7.71	3.67	10	A
Methoxychlor	ND		ug/kg	34.7	10.8	10	A
Toxaphene	ND		ug/kg	347	97.1	10	A
cis-Chlordane	ND		ug/kg	23.1	6.44	10	A
trans-Chlordane	ND		ug/kg	23.1	6.10	10	A
Chlordane	ND		ug/kg	150	61.3	10	A

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-08 D
Client ID: B-15 (3-5)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 10:55
Date Received: 10/10/18
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	96		30-150	B
Decachlorobiphenyl	79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	**170**	Q	30-150	A
Decachlorobiphenyl	86		30-150	A

Project Name: ALEXANDER ST.
Lab Number: L1841053
Project Number: 25720.00
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-09 D
Client ID: GW-5
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 11:00
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/19/18 14:01
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 10/17/18 08:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.143	0.033	10	A
Lindane	ND		ug/l	0.143	0.031	10	A
Alpha-BHC	ND		ug/l	0.143	0.031	10	A
Beta-BHC	ND		ug/l	0.143	0.040	10	A
Heptachlor	ND		ug/l	0.143	0.022	10	A
Aldrin	ND		ug/l	0.143	0.015	10	A
Heptachlor epoxide	ND		ug/l	0.143	0.030	10	A
Endrin	ND		ug/l	0.286	0.031	10	A
Endrin aldehyde	ND		ug/l	0.286	0.058	10	A
Endrin ketone	ND		ug/l	0.286	0.034	10	A
Dieldrin	ND		ug/l	0.286	0.031	10	A
4,4'-DDE	ND		ug/l	0.286	0.027	10	A
4,4'-DDD	ND		ug/l	0.286	0.033	10	A
4,4'-DDT	ND		ug/l	0.286	0.031	10	A
Endosulfan I	ND		ug/l	0.143	0.025	10	A
Endosulfan II	ND		ug/l	0.286	0.037	10	A
Endosulfan sulfate	0.121	J	ug/l	0.286	0.034	10	B
Methoxychlor	ND		ug/l	1.43	0.049	10	A
Toxaphene	ND		ug/l	1.43	0.448	10	A
cis-Chlordane	ND		ug/l	0.143	0.048	10	A
trans-Chlordane	ND		ug/l	0.143	0.045	10	A
Chlordane	ND		ug/l	1.43	0.331	10	A

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-09 D
Client ID: GW-5
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 11:00
Date Received: 10/10/18
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	63		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	43		30-150	B

Project Name: ALEXANDER ST.
Lab Number: L1841053
Project Number: 25720.00
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-10
Client ID: B-9 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 13:30
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/18/18 01:49
Analyst: KB
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 20:00
Cleanup Method: EPA 3620B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.07	0.406	1	A
Lindane	ND		ug/kg	0.863	0.386	1	A
Alpha-BHC	ND		ug/kg	0.863	0.245	1	A
Beta-BHC	ND		ug/kg	2.07	0.786	1	A
Heptachlor	ND		ug/kg	1.04	0.464	1	A
Aldrin	ND		ug/kg	2.07	0.730	1	A
Heptachlor epoxide	ND		ug/kg	3.88	1.16	1	A
Endrin	ND		ug/kg	0.863	0.354	1	A
Endrin aldehyde	ND		ug/kg	2.59	0.907	1	A
Endrin ketone	ND		ug/kg	2.07	0.534	1	A
Dieldrin	ND		ug/kg	1.30	0.648	1	A
4,4'-DDE	1.68	J	ug/kg	2.07	0.479	1	A
4,4'-DDD	ND		ug/kg	2.07	0.739	1	A
4,4'-DDT	ND		ug/kg	3.88	1.67	1	A
Endosulfan I	ND		ug/kg	2.07	0.490	1	A
Endosulfan II	ND		ug/kg	2.07	0.692	1	A
Endosulfan sulfate	ND		ug/kg	0.863	0.411	1	A
Methoxychlor	ND		ug/kg	3.88	1.21	1	A
Toxaphene	ND		ug/kg	38.8	10.9	1	A
cis-Chlordane	ND		ug/kg	2.59	0.722	1	A
trans-Chlordane	ND		ug/kg	2.59	0.684	1	A
Chlordane	ND		ug/kg	16.8	6.86	1	A

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-10 Date Collected: 10/10/18 13:30

Client ID: B-9 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	**202**	Q	30-150	B
Decachlorobiphenyl	41		30-150	B
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	46		30-150	A

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-11 D
Client ID: B-9 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 13:35
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/20/18 16:37
Analyst: KEG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/19/18 14:22
Cleanup Method: EPA 3620B
Cleanup Date: 10/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	18.0	3.52	10	A
Lindane	ND		ug/kg	7.49	3.35	10	A
Alpha-BHC	ND		ug/kg	7.49	2.13	10	A
Beta-BHC	ND	PI	ug/kg	18.0	6.81	10	B
Heptachlor	ND		ug/kg	8.99	4.03	10	A
Aldrin	ND		ug/kg	18.0	6.33	10	A
Heptachlor epoxide	ND		ug/kg	33.7	10.1	10	A
Endrin	ND		ug/kg	7.49	3.07	10	A
Endrin aldehyde	ND		ug/kg	22.5	7.86	10	A
Endrin ketone	ND		ug/kg	18.0	4.63	10	A
Dieldrin	ND		ug/kg	11.2	5.62	10	A
4,4'-DDE	ND		ug/kg	18.0	4.16	10	A
4,4'-DDD	ND		ug/kg	18.0	6.41	10	A
4,4'-DDT	ND		ug/kg	33.7	14.4	10	A
Endosulfan I	ND		ug/kg	18.0	4.25	10	A
Endosulfan II	ND		ug/kg	18.0	6.00	10	A
Endosulfan sulfate	ND		ug/kg	7.49	3.56	10	A
Methoxychlor	ND		ug/kg	33.7	10.5	10	A
Toxaphene	ND		ug/kg	337	94.4	10	A
cis-Chlordane	ND		ug/kg	22.5	6.26	10	A
trans-Chlordane	ND		ug/kg	22.5	5.93	10	A
Chlordane	ND		ug/kg	146	59.5	10	A

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-11 D
Client ID: B-9 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 13:35
Date Received: 10/10/18
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	B
Decachlorobiphenyl	64		30-150	B
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	57		30-150	A

Project Name: ALEXANDER ST.
Lab Number: L1841053
Project Number: 25720.00
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-12
Client ID: B-10 (6-8)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 14:35
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/18/18 02:14
Analyst: KB
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 10/15/18 20:00
Cleanup Method: EPA 3620B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.22	0.434	1	A
Lindane	ND		ug/kg	0.923	0.413	1	A
Alpha-BHC	ND		ug/kg	0.923	0.262	1	A
Beta-BHC	ND		ug/kg	2.22	0.840	1	A
Heptachlor	ND		ug/kg	1.11	0.497	1	A
Aldrin	ND		ug/kg	2.22	0.780	1	A
Heptachlor epoxide	ND		ug/kg	4.15	1.25	1	A
Endrin	ND		ug/kg	0.923	0.378	1	A
Endrin aldehyde	ND		ug/kg	2.77	0.969	1	A
Endrin ketone	ND		ug/kg	2.22	0.570	1	A
Dieldrin	ND		ug/kg	1.38	0.692	1	A
4,4'-DDE	ND		ug/kg	2.22	0.512	1	A
4,4'-DDD	ND		ug/kg	2.22	0.790	1	A
4,4'-DDT	ND		ug/kg	4.15	1.78	1	A
Endosulfan I	ND		ug/kg	2.22	0.523	1	A
Endosulfan II	ND		ug/kg	2.22	0.740	1	A
Endosulfan sulfate	ND		ug/kg	0.923	0.439	1	A
Methoxychlor	ND		ug/kg	4.15	1.29	1	A
Toxaphene	ND		ug/kg	41.5	11.6	1	A
cis-Chlordane	ND		ug/kg	2.77	0.772	1	A
trans-Chlordane	ND		ug/kg	2.77	0.731	1	A
Chlordane	ND		ug/kg	18.0	7.34	1	A

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-12 Date Collected: 10/10/18 14:35

Client ID: B-10 (6-8) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	53		30-150	B
Decachlorobiphenyl	32		30-150	B
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	**18**	Q	30-150	A

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/16/18 22:14
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 10/14/18 20:13
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,04-05 Batch: WG1167963-1						
Delta-BHC	ND		ug/kg	1.59	0.312	A
Lindane	ND		ug/kg	0.664	0.297	A
Alpha-BHC	ND		ug/kg	0.664	0.189	A
Beta-BHC	ND		ug/kg	1.59	0.605	A
Heptachlor	ND		ug/kg	0.797	0.357	A
Aldrin	ND		ug/kg	1.59	0.561	A
Heptachlor epoxide	ND		ug/kg	2.99	0.897	A
Endrin	ND		ug/kg	0.664	0.272	A
Endrin aldehyde	ND		ug/kg	1.99	0.698	A
Endrin ketone	ND		ug/kg	1.59	0.411	A
Dieldrin	ND		ug/kg	0.997	0.498	A
4,4'-DDE	ND		ug/kg	1.59	0.369	A
4,4'-DDD	ND		ug/kg	1.59	0.569	A
4,4'-DDT	ND		ug/kg	2.99	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.377	A
Endosulfan II	ND		ug/kg	1.59	0.533	A
Endosulfan sulfate	ND		ug/kg	0.664	0.316	A
Methoxychlor	ND		ug/kg	2.99	0.930	A
Toxaphene	ND		ug/kg	29.9	8.37	A
cis-Chlordane	ND		ug/kg	1.99	0.555	A
trans-Chlordane	ND		ug/kg	1.99	0.526	A
Chlordane	ND		ug/kg	13.0	5.28	A

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/16/18 22:14
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 10/14/18 20:13
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,04-05 Batch: WG1167963-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	108		30-150	B
Decachlorobiphenyl	131		30-150	B
2,4,5,6-Tetrachloro-m-xylene	107		30-150	A
Decachlorobiphenyl	109		30-150	A

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/17/18 13:49
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 10/15/18 20:00
Cleanup Method: EPA 3620B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07,10,12 Batch: WG1168308-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.652	0.292	A
Alpha-BHC	ND		ug/kg	0.652	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.594	A
Heptachlor	ND		ug/kg	0.783	0.351	A
Aldrin	ND		ug/kg	1.56	0.551	A
Heptachlor epoxide	ND		ug/kg	2.94	0.881	A
Endrin	ND		ug/kg	0.652	0.267	A
Endrin aldehyde	ND		ug/kg	1.96	0.685	A
Endrin ketone	ND		ug/kg	1.56	0.403	A
Dieldrin	ND		ug/kg	0.978	0.489	A
4,4'-DDE	ND		ug/kg	1.56	0.362	A
4,4'-DDD	ND		ug/kg	1.56	0.558	A
4,4'-DDT	ND		ug/kg	2.94	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.370	A
Endosulfan II	ND		ug/kg	1.56	0.523	A
Endosulfan sulfate	ND		ug/kg	0.652	0.310	A
Methoxychlor	ND		ug/kg	2.94	0.913	A
Toxaphene	ND		ug/kg	29.4	8.22	A
cis-Chlordane	ND		ug/kg	1.96	0.545	A
trans-Chlordane	ND		ug/kg	1.96	0.517	A
Chlordane	ND		ug/kg	12.7	5.18	A

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/17/18 13:49
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 10/15/18 20:00
Cleanup Method: EPA 3620B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07,10,12 Batch: WG1168308-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	67		30-150	B
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	60		30-150	A

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/17/18 23:03
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 10/17/18 08:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03,06,09 Batch: WG1168976-1						
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: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/17/18 23:03
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 10/17/18 08:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03,06,09 Batch: WG1168976-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/20/18 14:30
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 10/18/18 22:33
Cleanup Method: EPA 3620B
Cleanup Date: 10/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08,11 Batch: WG1169870-1						
Delta-BHC	ND		ug/kg	1.51	0.296	A
Lindane	ND		ug/kg	0.630	0.282	A
Alpha-BHC	ND		ug/kg	0.630	0.179	A
Beta-BHC	ND		ug/kg	1.51	0.574	A
Heptachlor	ND		ug/kg	0.757	0.339	A
Aldrin	ND		ug/kg	1.51	0.533	A
Heptachlor epoxide	ND		ug/kg	2.84	0.851	A
Endrin	ND		ug/kg	0.630	0.258	A
Endrin aldehyde	ND		ug/kg	1.89	0.662	A
Endrin ketone	ND		ug/kg	1.51	0.390	A
Dieldrin	ND		ug/kg	0.946	0.473	A
4,4'-DDE	ND		ug/kg	1.51	0.350	A
4,4'-DDD	ND		ug/kg	1.51	0.540	A
4,4'-DDT	ND		ug/kg	2.84	1.22	A
Endosulfan I	ND		ug/kg	1.51	0.358	A
Endosulfan II	ND		ug/kg	1.51	0.506	A
Endosulfan sulfate	ND		ug/kg	0.630	0.300	A
Methoxychlor	ND		ug/kg	2.84	0.883	A
Toxaphene	ND		ug/kg	28.4	7.94	A
cis-Chlordane	ND		ug/kg	1.89	0.527	A
trans-Chlordane	ND		ug/kg	1.89	0.499	A
Chlordane	ND		ug/kg	12.3	5.01	A

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/20/18 14:30
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 10/18/18 22:33
Cleanup Method: EPA 3620B
Cleanup Date: 10/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08,11 Batch: WG1169870-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	77		30-150	B
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	41		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1167963-2 WG1167963-3									
Delta-BHC	88		84		30-150	5		30	A
Lindane	90		85		30-150	6		30	A
Alpha-BHC	93		87		30-150	7		30	A
Beta-BHC	96		95		30-150	1		30	A
Heptachlor	123		114		30-150	8		30	A
Aldrin	93		86		30-150	8		30	A
Heptachlor epoxide	113		106		30-150	6		30	A
Endrin	113		106		30-150	6		30	A
Endrin aldehyde	87		83		30-150	5		30	A
Endrin ketone	110		104		30-150	6		30	A
Dieldrin	102		95		30-150	7		30	A
4,4'-DDE	86		81		30-150	6		30	A
4,4'-DDD	97		90		30-150	7		30	A
4,4'-DDT	102		96		30-150	6		30	A
Endosulfan I	92		87		30-150	6		30	A
Endosulfan II	104		96		30-150	8		30	A
Endosulfan sulfate	100		95		30-150	5		30	A
Methoxychlor	107		102		30-150	5		30	A
cis-Chlordane	75		66		30-150	13		30	A
trans-Chlordane	62		71		30-150	14		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1167963-2 WG1167963-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		99		30-150	B
Decachlorobiphenyl	123		126		30-150	B
2,4,5,6-Tetrachloro-m-xylene	101		94		30-150	A
Decachlorobiphenyl	123		115		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07,10,12 Batch: WG1168308-2 WG1168308-3									
Delta-BHC	93		93		30-150	0		30	A
Lindane	95		92		30-150	3		30	A
Alpha-BHC	106		104		30-150	2		30	A
Beta-BHC	102		102		30-150	0		30	A
Heptachlor	106		100		30-150	6		30	A
Aldrin	90		87		30-150	3		30	A
Heptachlor epoxide	80		79		30-150	1		30	A
Endrin	96		91		30-150	5		30	A
Endrin aldehyde	71		72		30-150	1		30	A
Endrin ketone	86		85		30-150	1		30	A
Dieldrin	97		93		30-150	4		30	A
4,4'-DDE	84		80		30-150	5		30	A
4,4'-DDD	91		86		30-150	6		30	A
4,4'-DDT	92		88		30-150	4		30	A
Endosulfan I	87		83		30-150	5		30	A
Endosulfan II	88		85		30-150	3		30	A
Endosulfan sulfate	84		83		30-150	1		30	A
Methoxychlor	100		97		30-150	3		30	A
cis-Chlordane	70		67		30-150	4		30	A
trans-Chlordane	91		87		30-150	4		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07,10,12 Batch: WG1168308-2 WG1168308-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		76		30-150	B
Decachlorobiphenyl	64		59		30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		82		30-150	A
Decachlorobiphenyl	58		56		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03,06,09 Batch: WG1168976-2 WG1168976-3									
Delta-BHC	82		79		30-150	4		20	A
Lindane	75		71		30-150	5		20	A
Alpha-BHC	79		75		30-150	6		20	A
Beta-BHC	91		85		30-150	8		20	A
Heptachlor	76		72		30-150	6		20	A
Aldrin	72		69		30-150	4		20	A
Heptachlor epoxide	80		80		30-150	0		20	A
Endrin	81		78		30-150	4		20	A
Endrin aldehyde	80		68		30-150	16		20	A
Endrin ketone	87		79		30-150	9		20	A
Dieldrin	82		78		30-150	5		20	A
4,4'-DDE	80		77		30-150	4		20	A
4,4'-DDD	85		80		30-150	6		20	A
4,4'-DDT	85		77		30-150	9		20	A
Endosulfan I	76		73		30-150	4		20	A
Endosulfan II	79		75		30-150	6		20	A
Endosulfan sulfate	85		80		30-150	6		20	A
Methoxychlor	99		92		30-150	8		20	A
cis-Chlordane	65		65		30-150	1		20	A
trans-Chlordane	66		69		30-150	5		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03,06,09 Batch: WG1168976-2 WG1168976-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		71		30-150	A
Decachlorobiphenyl	74		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		67		30-150	B
Decachlorobiphenyl	72		71		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08,11 Batch: WG1169870-2 WG1169870-3									
Delta-BHC	84		84		30-150	0		30	A
Lindane	84		81		30-150	4		30	A
Alpha-BHC	86		84		30-150	2		30	A
Beta-BHC	88		85		30-150	3		30	A
Heptachlor	97		93		30-150	4		30	A
Aldrin	92		89		30-150	3		30	A
Heptachlor epoxide	75		72		30-150	4		30	A
Endrin	88		86		30-150	2		30	A
Endrin aldehyde	60		58		30-150	3		30	A
Endrin ketone	76		77		30-150	1		30	A
Dieldrin	89		86		30-150	3		30	A
4,4'-DDE	88		84		30-150	5		30	A
4,4'-DDD	84		81		30-150	4		30	A
4,4'-DDT	85		84		30-150	1		30	A
Endosulfan I	86		82		30-150	5		30	A
Endosulfan II	83		81		30-150	2		30	A
Endosulfan sulfate	67		67		30-150	0		30	A
Methoxychlor	88		84		30-150	5		30	A
cis-Chlordane	86		84		30-150	2		30	A
trans-Chlordane	84		82		30-150	2		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08,11 Batch: WG1169870-2 WG1169870-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		89		30-150	B
Decachlorobiphenyl	80		78		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		81		30-150	A
Decachlorobiphenyl	65		50		30-150	A

METALS

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-01 Date Collected: 10/10/18 08:00

Client ID: B-7 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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											
Aluminum, Total	3600		mg/kg	8.69	2.35	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Antimony, Total	2.62	J	mg/kg	4.35	0.330	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Arsenic, Total	3.89		mg/kg	0.869	0.181	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Barium, Total	44.4		mg/kg	0.869	0.151	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Beryllium, Total	0.122	J	mg/kg	0.435	0.029	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Cadmium, Total	0.200	J	mg/kg	0.869	0.085	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Calcium, Total	51300		mg/kg	8.69	3.04	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Chromium, Total	11.5		mg/kg	0.869	0.083	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Cobalt, Total	3.75		mg/kg	1.74	0.144	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Copper, Total	53.0		mg/kg	0.869	0.224	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Iron, Total	9430		mg/kg	4.35	0.785	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Lead, Total	96.1		mg/kg	4.35	0.233	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Magnesium, Total	25400		mg/kg	8.69	1.34	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Manganese, Total	141		mg/kg	0.869	0.138	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Mercury, Total	0.357		mg/kg	0.070	0.015	1	10/17/18 05:20	10/18/18 13:27	EPA 7471B	1,7471B	MG
Nickel, Total	8.98		mg/kg	2.17	0.210	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Potassium, Total	698		mg/kg	217	12.5	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Selenium, Total	0.574	J	mg/kg	1.74	0.224	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.869	0.246	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Sodium, Total	172	J	mg/kg	174	2.74	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.74	0.274	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Vanadium, Total	36.2		mg/kg	0.869	0.176	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
Zinc, Total	80.7		mg/kg	4.35	0.255	2	10/16/18 21:40	10/19/18 01:34	EPA 3050B	1,6010D	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	12		mg/kg	0.88	0.88	1		10/19/18 01:34	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-02 Date Collected: 10/10/18 08:05

Client ID: B-7 (8-10) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5730		mg/kg	11.3	3.04	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Antimony, Total	0.485	J	mg/kg	5.64	0.428	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Arsenic, Total	8.86		mg/kg	1.13	0.234	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Barium, Total	109		mg/kg	1.13	0.196	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Beryllium, Total	0.271	J	mg/kg	0.564	0.037	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Cadmium, Total	1.16		mg/kg	1.13	0.110	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Calcium, Total	7100		mg/kg	11.3	3.95	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Chromium, Total	34.4		mg/kg	1.13	0.108	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Cobalt, Total	5.26		mg/kg	2.26	0.187	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Copper, Total	158		mg/kg	1.13	0.291	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Iron, Total	14800		mg/kg	5.64	1.02	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Lead, Total	146		mg/kg	5.64	0.302	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Magnesium, Total	6720		mg/kg	11.3	1.74	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Manganese, Total	215		mg/kg	1.13	0.179	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Mercury, Total	0.352		mg/kg	0.090	0.019	1	10/17/18 05:20	10/18/18 13:29	EPA 7471B	1,7471B	MG
Nickel, Total	29.4		mg/kg	2.82	0.273	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Potassium, Total	843		mg/kg	282	16.2	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Selenium, Total	0.496	J	mg/kg	2.26	0.291	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Silver, Total	1.49		mg/kg	1.13	0.319	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Sodium, Total	291		mg/kg	226	3.55	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Thallium, Total	ND		mg/kg	2.26	0.355	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Vanadium, Total	184		mg/kg	1.13	0.229	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
Zinc, Total	264		mg/kg	5.64	0.330	2	10/16/18 21:40	10/19/18 10:17	EPA 3050B	1,6010D	PE
General Chemistry - Mansfield Lab											
Chromium, Trivalent	34	J	mg/kg	1.1	1.1	1		10/19/18 10:17	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-03 Date Collected: 10/10/18 08:55

Client ID: GW-3 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	10.7		mg/l	0.0100	0.00327	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Antimony, Total	0.00115	J	mg/l	0.00400	0.00042	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Arsenic, Total	0.07066		mg/l	0.00050	0.00016	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Barium, Total	1.070		mg/l	0.00050	0.00017	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00132		mg/l	0.00050	0.00010	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00250		mg/l	0.00020	0.00005	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Calcium, Total	210.		mg/l	0.100	0.0394	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Chromium, Total	0.05121		mg/l	0.00100	0.00017	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Cobalt, Total	0.01702		mg/l	0.00050	0.00016	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Copper, Total	0.04173		mg/l	0.00100	0.00038	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Iron, Total	85.5		mg/l	0.0500	0.0191	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Lead, Total	2.030		mg/l	0.00100	0.00034	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Magnesium, Total	77.6		mg/l	0.0700	0.0242	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Manganese, Total	1.696		mg/l	0.00100	0.00044	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Mercury, Total	0.00293		mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 16:10	EPA 7470A	1,7470A	MG
Nickel, Total	0.04705		mg/l	0.00200	0.00055	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Potassium, Total	16.6		mg/l	0.100	0.0309	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Selenium, Total	0.00247	J	mg/l	0.00500	0.00173	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Silver, Total	0.00020	J	mg/l	0.00040	0.00016	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Sodium, Total	145.		mg/l	0.100	0.0293	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Thallium, Total	0.00017	J	mg/l	0.00050	0.00014	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Vanadium, Total	0.08110		mg/l	0.00500	0.00157	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
Zinc, Total	2.618		mg/l	0.01000	0.00341	1	10/17/18 13:42	10/18/18 11:20	EPA 3005A	1,6020B	AM
General Chemistry - Mansfield Lab											
Chromium, Trivalent	0.051		mg/l	0.010	0.010	1		10/18/18 11:20	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-03 Date Collected: 10/10/18 08:55

Client ID: GW-3 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0120		mg/l	0.0100	0.00327	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00195	J	mg/l	0.00400	0.00042	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00618		mg/l	0.00050	0.00016	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.1997		mg/l	0.00050	0.00017	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Calcium, Dissolved	173.		mg/l	0.100	0.0394	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00046	J	mg/l	0.00100	0.00017	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00269		mg/l	0.00050	0.00016	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00039	J	mg/l	0.00100	0.00038	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.110		mg/l	0.0500	0.0191	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Lead, Dissolved	0.00267		mg/l	0.00100	0.00034	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	71.1		mg/l	0.0700	0.0242	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.8570		mg/l	0.00100	0.00044	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/19/18 10:20	10/19/18 12:32	EPA 7470A	1,7470A	MG
Nickel, Dissolved	0.00378		mg/l	0.00200	0.00055	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Potassium, Dissolved	16.4		mg/l	0.100	0.0309	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Sodium, Dissolved	142.		mg/l	0.100	0.0293	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.01946		mg/l	0.01000	0.00341	1	10/19/18 09:20	10/19/18 12:36	EPA 3005A	1,6020B	AM

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-04 Date Collected: 10/10/18 09:10

Client ID: B-8 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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											
Aluminum, Total	13100		mg/kg	9.34	2.52	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Antimony, Total	0.429	J	mg/kg	4.67	0.355	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Arsenic, Total	2.77		mg/kg	0.934	0.194	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Barium, Total	233		mg/kg	0.934	0.162	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Beryllium, Total	0.196	J	mg/kg	0.467	0.031	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Cadmium, Total	0.233	J	mg/kg	0.934	0.092	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Calcium, Total	3440		mg/kg	9.34	3.27	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Chromium, Total	14.6		mg/kg	0.934	0.090	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Cobalt, Total	11.3		mg/kg	1.87	0.155	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Copper, Total	27.0		mg/kg	0.934	0.241	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Iron, Total	21500		mg/kg	4.67	0.843	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Lead, Total	50.1		mg/kg	4.67	0.250	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Magnesium, Total	8880		mg/kg	9.34	1.44	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Manganese, Total	349		mg/kg	0.934	0.148	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Mercury, Total	0.303		mg/kg	0.075	0.016	1	10/17/18 05:20	10/18/18 13:34	EPA 7471B	1,7471B	MG
Nickel, Total	10.7		mg/kg	2.33	0.226	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Potassium, Total	5090		mg/kg	233	13.4	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Selenium, Total	0.243	J	mg/kg	1.87	0.241	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Silver, Total	ND		mg/kg	0.934	0.264	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Sodium, Total	144	J	mg/kg	187	2.94	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Thallium, Total	ND		mg/kg	1.87	0.294	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Vanadium, Total	50.0		mg/kg	0.934	0.190	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
Zinc, Total	80.0		mg/kg	4.67	0.274	2	10/16/18 21:40	10/19/18 10:21	EPA 3050B	1,6010D	PE
General Chemistry - Mansfield Lab											
Chromium, Trivalent	15		mg/kg	0.95	0.95	1		10/19/18 10:21	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-05 Date Collected: 10/10/18 09:20

Client ID: B-8 (8-10) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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											
Aluminum, Total	6810		mg/kg	9.08	2.45	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Antimony, Total	0.999	J	mg/kg	4.54	0.345	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Arsenic, Total	2.87		mg/kg	0.908	0.189	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Barium, Total	92.6		mg/kg	0.908	0.158	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Beryllium, Total	0.154	J	mg/kg	0.454	0.030	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Cadmium, Total	0.627	J	mg/kg	0.908	0.089	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Calcium, Total	6720		mg/kg	9.08	3.18	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Chromium, Total	41.9		mg/kg	0.908	0.087	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Cobalt, Total	8.09		mg/kg	1.82	0.151	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Copper, Total	123		mg/kg	0.908	0.234	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Iron, Total	13400		mg/kg	4.54	0.820	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Lead, Total	53.0		mg/kg	4.54	0.243	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Magnesium, Total	6360		mg/kg	9.08	1.40	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Manganese, Total	284		mg/kg	0.908	0.144	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Mercury, Total	0.086		mg/kg	0.072	0.015	1	10/17/18 05:20	10/18/18 13:36	EPA 7471B	1,7471B	MG
Nickel, Total	21.1		mg/kg	2.27	0.220	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Potassium, Total	2200		mg/kg	227	13.1	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Selenium, Total	0.318	J	mg/kg	1.82	0.234	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Silver, Total	ND		mg/kg	0.908	0.257	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Sodium, Total	836		mg/kg	182	2.86	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Thallium, Total	ND		mg/kg	1.82	0.286	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Vanadium, Total	29.9		mg/kg	0.908	0.184	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
Zinc, Total	119		mg/kg	4.54	0.266	2	10/16/18 21:40	10/19/18 10:26	EPA 3050B	1,6010D	PE
General Chemistry - Mansfield Lab											
Chromium, Trivalent	42		mg/kg	0.91	0.91	1		10/19/18 10:26	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-06 Date Collected: 10/10/18 09:40

Client ID: GW-4 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	46.6		mg/l	0.0100	0.00327	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Antimony, Total	0.00129	J	mg/l	0.00400	0.00042	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Arsenic, Total	0.08356		mg/l	0.00050	0.00016	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Barium, Total	2.834		mg/l	0.00050	0.00017	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00592		mg/l	0.00050	0.00010	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00376		mg/l	0.00020	0.00005	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Calcium, Total	257.		mg/l	0.100	0.0394	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Chromium, Total	0.1185		mg/l	0.00100	0.00017	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Cobalt, Total	0.05572		mg/l	0.00050	0.00016	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Copper, Total	0.04814		mg/l	0.00100	0.00038	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Iron, Total	458.		mg/l	0.0500	0.0191	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Lead, Total	11.98		mg/l	0.05000	0.01715	50	10/17/18 13:42	10/18/18 12:29	EPA 3005A	1,6020B	AM
Magnesium, Total	42.8		mg/l	0.0700	0.0242	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Manganese, Total	3.967		mg/l	0.00100	0.00044	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Mercury, Total	0.00442		mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 16:11	EPA 7470A	1,7470A	MG
Nickel, Total	0.2010		mg/l	0.00200	0.00055	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Potassium, Total	19.1		mg/l	0.100	0.0309	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Selenium, Total	0.00766		mg/l	0.00500	0.00173	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Silver, Total	0.00031	J	mg/l	0.00040	0.00016	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Sodium, Total	108.		mg/l	0.100	0.0293	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Thallium, Total	0.00121		mg/l	0.00050	0.00014	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Vanadium, Total	0.5001		mg/l	0.00500	0.00157	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
Zinc, Total	9.273		mg/l	0.01000	0.00341	1	10/17/18 13:42	10/18/18 11:24	EPA 3005A	1,6020B	AM
General Chemistry - Mansfield Lab											
Chromium, Trivalent	0.118		mg/l	0.010	0.010	1		10/18/18 11:24	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-06 Date Collected: 10/10/18 09:40

Client ID: GW-4 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00558	J	mg/l	0.0100	0.00327	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00194	J	mg/l	0.00400	0.00042	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00625		mg/l	0.00050	0.00016	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.2263		mg/l	0.00050	0.00017	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Calcium, Dissolved	121.		mg/l	0.100	0.0394	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00026	J	mg/l	0.00100	0.00017	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00181		mg/l	0.00050	0.00016	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.343		mg/l	0.0500	0.0191	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Lead, Dissolved	0.00064	J	mg/l	0.00100	0.00034	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	21.3		mg/l	0.0700	0.0242	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.4509		mg/l	0.00100	0.00044	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/19/18 10:20	10/19/18 12:27	EPA 7470A	1,7470A	MG
Nickel, Dissolved	0.00394		mg/l	0.00200	0.00055	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Potassium, Dissolved	15.4		mg/l	0.100	0.0309	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Sodium, Dissolved	111.		mg/l	0.100	0.0293	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	0.00160	J	mg/l	0.00500	0.00157	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/19/18 09:20	10/19/18 13:09	EPA 3005A	1,6020B	AM

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-07 Date Collected: 10/10/18 10:47

Client ID: B-16 (4-5) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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											
Aluminum, Total	7570		mg/kg	9.23	2.49	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Antimony, Total	ND		mg/kg	4.62	0.351	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Arsenic, Total	1.92		mg/kg	0.923	0.192	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Barium, Total	74.8		mg/kg	0.923	0.161	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Beryllium, Total	0.249	J	mg/kg	0.462	0.031	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Cadmium, Total	0.111	J	mg/kg	0.923	0.091	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Calcium, Total	12000		mg/kg	9.23	3.23	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Chromium, Total	24.1		mg/kg	0.923	0.089	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Cobalt, Total	6.21		mg/kg	1.85	0.153	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Copper, Total	23.3		mg/kg	0.923	0.238	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Iron, Total	10600		mg/kg	4.62	0.834	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Lead, Total	44.0		mg/kg	4.62	0.247	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Magnesium, Total	4650		mg/kg	9.23	1.42	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Manganese, Total	214		mg/kg	0.923	0.147	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Mercury, Total	0.114		mg/kg	0.074	0.016	1	10/17/18 05:20	10/18/18 13:38	EPA 7471B	1,7471B	MG
Nickel, Total	16.8		mg/kg	2.31	0.223	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Potassium, Total	1070		mg/kg	231	13.3	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Selenium, Total	ND		mg/kg	1.85	0.238	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Silver, Total	ND		mg/kg	0.923	0.261	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Sodium, Total	236		mg/kg	185	2.91	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Thallium, Total	ND		mg/kg	1.85	0.291	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Vanadium, Total	19.0		mg/kg	0.923	0.187	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
Zinc, Total	34.6		mg/kg	4.62	0.270	2	10/16/18 21:40	10/19/18 10:30	EPA 3050B	1,6010D	PE
General Chemistry - Mansfield Lab											
Chromium, Trivalent	24		mg/kg	0.94	0.94	1		10/19/18 10:30	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-08 Date Collected: 10/10/18 10:55

Client ID: B-15 (3-5) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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											
Aluminum, Total	5810		mg/kg	9.06	2.45	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Antimony, Total	0.725	J	mg/kg	4.53	0.344	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Arsenic, Total	14.4		mg/kg	0.906	0.188	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Barium, Total	52.3		mg/kg	0.906	0.158	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Beryllium, Total	0.181	J	mg/kg	0.453	0.030	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Cadmium, Total	0.308	J	mg/kg	0.906	0.089	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Calcium, Total	2270		mg/kg	9.06	3.17	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Chromium, Total	14.1		mg/kg	0.906	0.087	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Cobalt, Total	6.83		mg/kg	1.81	0.150	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Copper, Total	75.1		mg/kg	0.906	0.234	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Iron, Total	15600		mg/kg	4.53	0.819	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Lead, Total	272		mg/kg	4.53	0.243	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Magnesium, Total	2590		mg/kg	9.06	1.40	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Manganese, Total	147		mg/kg	0.906	0.144	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Mercury, Total	0.154		mg/kg	0.076	0.016	1	10/17/18 05:20	10/18/18 13:39	EPA 7471B	1,7471B	MG
Nickel, Total	15.2		mg/kg	2.27	0.219	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Potassium, Total	1000		mg/kg	227	13.0	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Selenium, Total	0.743	J	mg/kg	1.81	0.234	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Silver, Total	ND		mg/kg	0.906	0.256	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Sodium, Total	232		mg/kg	181	2.86	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Thallium, Total	ND		mg/kg	1.81	0.286	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Vanadium, Total	23.7		mg/kg	0.906	0.184	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
Zinc, Total	68.9		mg/kg	4.53	0.266	2	10/16/18 21:40	10/19/18 10:34	EPA 3050B	1,6010D	PE
General Chemistry - Mansfield Lab											
Chromium, Trivalent	14		mg/kg	0.96	0.96	1		10/19/18 10:34	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-09 Date Collected: 10/10/18 11:00

Client ID: GW-5 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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	17.8		mg/l	0.0100	0.00327	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Antimony, Total	0.00124	J	mg/l	0.00400	0.00042	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Arsenic, Total	0.06256		mg/l	0.00050	0.00016	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Barium, Total	1.775		mg/l	0.00050	0.00017	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00190		mg/l	0.00050	0.00010	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00802		mg/l	0.00020	0.00005	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Calcium, Total	186.		mg/l	0.100	0.0394	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Chromium, Total	0.05634		mg/l	0.00100	0.00017	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Cobalt, Total	0.02530		mg/l	0.00050	0.00016	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Copper, Total	0.02561		mg/l	0.00100	0.00038	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Iron, Total	96.8		mg/l	0.0500	0.0191	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Lead, Total	3.662		mg/l	0.00100	0.00034	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Magnesium, Total	49.1		mg/l	0.0700	0.0242	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Manganese, Total	2.476		mg/l	0.00100	0.00044	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Mercury, Total	0.00104		mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 16:17	EPA 7470A	1,7470A	MG
Nickel, Total	0.06387		mg/l	0.00200	0.00055	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Potassium, Total	9.56		mg/l	0.100	0.0309	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Selenium, Total	0.00426	J	mg/l	0.00500	0.00173	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Sodium, Total	158.		mg/l	0.100	0.0293	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Thallium, Total	0.00124		mg/l	0.00050	0.00014	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Vanadium, Total	0.1343		mg/l	0.00500	0.00157	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
Zinc, Total	5.040		mg/l	0.01000	0.00341	1	10/17/18 13:42	10/18/18 13:21	EPA 3005A	1,6020B	AM
General Chemistry - Mansfield Lab											
Chromium, Trivalent	0.056		mg/l	0.010	0.010	1		10/18/18 13:21	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-09 Date Collected: 10/10/18 11:00

Client ID: GW-5 Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00801	J	mg/l	0.0100	0.00327	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00210	J	mg/l	0.00400	0.00042	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00589		mg/l	0.00050	0.00016	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.1954		mg/l	0.00050	0.00017	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Calcium, Dissolved	83.7		mg/l	0.100	0.0394	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00021	J	mg/l	0.00100	0.00017	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00190		mg/l	0.00050	0.00016	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00039	J	mg/l	0.00100	0.00038	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.0938		mg/l	0.0500	0.0191	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Lead, Dissolved	0.00056	J	mg/l	0.00100	0.00034	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	12.1		mg/l	0.0700	0.0242	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.4408		mg/l	0.00100	0.00044	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/19/18 10:20	10/19/18 12:34	EPA 7470A	1,7470A	MG
Nickel, Dissolved	0.00415		mg/l	0.00200	0.00055	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Potassium, Dissolved	7.89		mg/l	0.100	0.0309	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Sodium, Dissolved	161.		mg/l	0.100	0.0293	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.01686		mg/l	0.01000	0.00341	1	10/19/18 09:20	10/19/18 13:13	EPA 3005A	1,6020B	AM

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-10 Date Collected: 10/10/18 13:30

Client ID: B-9 (0-2) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7140		mg/kg	10.6	2.86	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Antimony, Total	ND		mg/kg	5.30	0.403	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Arsenic, Total	3.18		mg/kg	1.06	0.220	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Barium, Total	75.2		mg/kg	1.06	0.184	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Beryllium, Total	0.339	J	mg/kg	0.530	0.035	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Cadmium, Total	0.212	J	mg/kg	1.06	0.104	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Calcium, Total	7890		mg/kg	10.6	3.71	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Chromium, Total	22.3		mg/kg	1.06	0.102	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Cobalt, Total	5.57		mg/kg	2.12	0.176	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Copper, Total	23.4		mg/kg	1.06	0.274	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Iron, Total	10600		mg/kg	5.30	0.958	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Lead, Total	44.9		mg/kg	5.30	0.284	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Magnesium, Total	5520		mg/kg	10.6	1.63	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Manganese, Total	366		mg/kg	1.06	0.169	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Mercury, Total	1.52		mg/kg	0.084	0.018	1	10/17/18 05:20	10/18/18 13:41	EPA 7471B	1,7471B	MG
Nickel, Total	10.5		mg/kg	2.65	0.257	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Potassium, Total	615		mg/kg	265	15.3	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Selenium, Total	0.297	J	mg/kg	2.12	0.274	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Silver, Total	ND		mg/kg	1.06	0.300	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Sodium, Total	161	J	mg/kg	212	3.34	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Thallium, Total	ND		mg/kg	2.12	0.334	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Vanadium, Total	20.4		mg/kg	1.06	0.215	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
Zinc, Total	53.9		mg/kg	5.30	0.311	2	10/16/18 21:40	10/19/18 10:38	EPA 3050B	1,6010D	PE
General Chemistry - Mansfield Lab											
Chromium, Trivalent	22	J	mg/kg	1.1	1.1	1		10/19/18 10:38	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-11 Date Collected: 10/10/18 13:35

Client ID: B-9 (8-10) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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											
Aluminum, Total	3750		mg/kg	8.88	2.40	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Antimony, Total	10.5		mg/kg	4.44	0.338	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Arsenic, Total	17.5		mg/kg	0.888	0.185	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Barium, Total	365		mg/kg	0.888	0.154	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Beryllium, Total	0.222	J	mg/kg	0.444	0.029	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Cadmium, Total	8.38		mg/kg	0.888	0.087	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Calcium, Total	27600		mg/kg	8.88	3.11	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Chromium, Total	61.1		mg/kg	0.888	0.085	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Cobalt, Total	7.30		mg/kg	1.78	0.147	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Copper, Total	226		mg/kg	0.888	0.229	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Iron, Total	35400		mg/kg	4.44	0.802	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Lead, Total	2100		mg/kg	4.44	0.238	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Magnesium, Total	2340		mg/kg	8.88	1.37	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Manganese, Total	224		mg/kg	0.888	0.141	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Mercury, Total	4.11		mg/kg	0.146	0.031	2	10/17/18 05:20	10/18/18 16:13	EPA 7471B	1,7471B	MG
Nickel, Total	20.5		mg/kg	2.22	0.215	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Potassium, Total	742		mg/kg	222	12.8	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Selenium, Total	1.04	J	mg/kg	1.78	0.229	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Silver, Total	0.755	J	mg/kg	0.888	0.251	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Sodium, Total	662		mg/kg	178	2.80	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Thallium, Total	ND		mg/kg	1.78	0.280	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Vanadium, Total	35.3		mg/kg	0.888	0.180	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
Zinc, Total	4420		mg/kg	4.44	0.260	2	10/16/18 21:40	10/19/18 10:42	EPA 3050B	1,6010D	PE
General Chemistry - Mansfield Lab											
Chromium, Trivalent	61		mg/kg	0.92	0.92	1		10/19/18 10:42	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-12 Date Collected: 10/10/18 14:35

Client ID: B-10 (6-8) Date Received: 10/10/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701 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											
Aluminum, Total	4990		mg/kg	11.1	3.01	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Antimony, Total	2.30	J	mg/kg	5.57	0.423	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Arsenic, Total	13.0		mg/kg	1.11	0.232	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Barium, Total	85.2		mg/kg	1.11	0.194	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Beryllium, Total	0.167	J	mg/kg	0.557	0.037	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Cadmium, Total	1.06	J	mg/kg	1.11	0.109	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Calcium, Total	6750		mg/kg	11.1	3.90	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Chromium, Total	12.0		mg/kg	1.11	0.107	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Cobalt, Total	6.73		mg/kg	2.23	0.185	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Copper, Total	89.2		mg/kg	1.11	0.287	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Iron, Total	20100		mg/kg	5.57	1.00	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Lead, Total	270		mg/kg	5.57	0.298	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Magnesium, Total	3410		mg/kg	11.1	1.72	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Manganese, Total	185		mg/kg	1.11	0.177	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Mercury, Total	0.577		mg/kg	0.089	0.019	1	10/17/18 05:20	10/18/18 13:45	EPA 7471B	1,7471B	MG
Nickel, Total	14.1		mg/kg	2.78	0.270	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Potassium, Total	740		mg/kg	278	16.0	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Selenium, Total	0.947	J	mg/kg	2.23	0.287	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Silver, Total	ND		mg/kg	1.11	0.315	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Sodium, Total	370		mg/kg	223	3.51	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Thallium, Total	ND		mg/kg	2.23	0.351	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Vanadium, Total	36.8		mg/kg	1.11	0.226	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
Zinc, Total	310		mg/kg	5.57	0.326	2	10/16/18 21:40	10/19/18 10:46	EPA 3050B	1,6010D	PE
General Chemistry - Mansfield Lab											
Chromium, Trivalent	11		mg/kg	1.1	1.1	1		10/19/18 10:46	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

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): 03,06,09 Batch: WG1168703-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 15:56	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04-05,07-08,10-12 Batch: WG1168773-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Antimony, Total	0.164	J	mg/kg	2.00	0.152	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Iron, Total	ND		mg/kg	2.00	0.361	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Potassium, Total	ND		mg/kg	100	5.76	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Sodium, Total	ND		mg/kg	80.0	1.26	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/16/18 21:40	10/19/18 01:22	1,6010D	AB

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1841053
Report Date: 10/24/18

Method Blank Analysis
Batch Quality Control

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): 01-02,04-05,07-08,10-12 Batch: WG1168893-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	10/17/18 05:20	10/18/18 13:12	1,7471B	MG

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): 03,06,09 Batch: WG1169150-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Antimony, Total	0.00045	J	mg/l	0.00400	0.00042	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Iron, Total	0.0206	J	mg/l	0.0500	0.0191	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM

Project Name: ALEXANDER ST. **Lab Number:** L1841053

Project Number: 25720.00 **Report Date:** 10/24/18

Method Blank Analysis
Batch Quality Control

Zinc, Total	ND	mg/l	0.01000	0.00341	1	10/17/18 13:42	10/18/18 09:53	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 03,06,09 Batch: WG1170061-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/19/18 09:20	10/19/18 12:13	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1841053
Report Date: 10/24/18

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): 03,06,09 Batch: WG1170088-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/19/18 10:20	10/19/18 12:24	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03,06,09 Batch: WG1168703-2								
Mercury, Total	110		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05,07-08,10-12 Batch: WG1168773-2 SRM Lot Number: D102-540					
Aluminum, Total	66	-	49-150	-	
Antimony, Total	122	-	1-199	-	
Arsenic, Total	94	-	83-117	-	
Barium, Total	88	-	83-118	-	
Beryllium, Total	88	-	83-116	-	
Cadmium, Total	92	-	83-118	-	
Calcium, Total	89	-	82-118	-	
Chromium, Total	89	-	83-117	-	
Cobalt, Total	90	-	84-116	-	
Copper, Total	88	-	84-116	-	
Iron, Total	89	-	61-139	-	
Lead, Total	91	-	82-118	-	
Magnesium, Total	81	-	76-124	-	
Manganese, Total	87	-	82-118	-	
Nickel, Total	91	-	83-117	-	
Potassium, Total	79	-	70-130	-	
Selenium, Total	96	-	79-121	-	
Silver, Total	94	-	80-120	-	
Sodium, Total	97	-	74-126	-	
Thallium, Total	94	-	81-119	-	
Vanadium, Total	86	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05,07-08,10-12 Batch: WG1168773-2 SRM Lot Number: D102-540					
Zinc, Total	90	-	81-118	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05,07-08,10-12 Batch: WG1168893-2 SRM Lot Number: D102-540					
Mercury, Total	87	-	65-134	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03,06,09 Batch: WG1169150-2					
Aluminum, Total	100	-	80-120	-	
Antimony, Total	96	-	80-120	-	
Arsenic, Total	102	-	80-120	-	
Barium, Total	103	-	80-120	-	
Beryllium, Total	103	-	80-120	-	
Cadmium, Total	112	-	80-120	-	
Calcium, Total	102	-	80-120	-	
Chromium, Total	102	-	80-120	-	
Cobalt, Total	104	-	80-120	-	
Copper, Total	103	-	80-120	-	
Iron, Total	118	-	80-120	-	
Lead, Total	102	-	80-120	-	
Magnesium, Total	101	-	80-120	-	
Manganese, Total	99	-	80-120	-	
Nickel, Total	105	-	80-120	-	
Potassium, Total	96	-	80-120	-	
Selenium, Total	104	-	80-120	-	
Silver, Total	104	-	80-120	-	
Sodium, Total	93	-	80-120	-	
Thallium, Total	98	-	80-120	-	
Vanadium, Total	104	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03,06,09 Batch: WG1169150-2					
Zinc, Total	110	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 03,06,09 Batch: WG1170061-2					
Aluminum, Dissolved	99	-	80-120	-	
Antimony, Dissolved	87	-	80-120	-	
Arsenic, Dissolved	102	-	80-120	-	
Barium, Dissolved	101	-	80-120	-	
Beryllium, Dissolved	103	-	80-120	-	
Cadmium, Dissolved	105	-	80-120	-	
Calcium, Dissolved	107	-	80-120	-	
Chromium, Dissolved	95	-	80-120	-	
Cobalt, Dissolved	97	-	80-120	-	
Copper, Dissolved	96	-	80-120	-	
Iron, Dissolved	109	-	80-120	-	
Lead, Dissolved	99	-	80-120	-	
Magnesium, Dissolved	102	-	80-120	-	
Manganese, Dissolved	94	-	80-120	-	
Nickel, Dissolved	99	-	80-120	-	
Potassium, Dissolved	100	-	80-120	-	
Selenium, Dissolved	104	-	80-120	-	
Silver, Dissolved	98	-	80-120	-	
Sodium, Dissolved	100	-	80-120	-	
Thallium, Dissolved	96	-	80-120	-	
Vanadium, Dissolved	95	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 03,06,09 Batch: WG1170061-2					
Zinc, Dissolved	106	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 03,06,09 Batch: WG1170088-2					
Mercury, Dissolved	106	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

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): 03,06,09 QC Batch ID: WG1168703-3 WG1168703-4 QC Sample: L1841367-01 Client ID: MS Sample												
Mercury, Total	0.00109	0.005	0.00626	103		0.00609	100		75-125	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

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): 01-02,04-05,07-08,10-12 QC Batch ID: WG1168773-3 QC Sample: L1841053-01 Client ID: B-7 (0-2)										
Aluminum, Total	3600	175	5090	**850**	Q	-	-	75-125	-	20
Antimony, Total	2.62J	43.8	39.0	89		-	-	75-125	-	20
Arsenic, Total	3.89	10.5	14.9	105		-	-	75-125	-	20
Barium, Total	44.4	175	242	113		-	-	75-125	-	20
Beryllium, Total	0.122J	4.38	4.20	96		-	-	75-125	-	20
Cadmium, Total	0.200J	4.47	4.50	101		-	-	75-125	-	20
Calcium, Total	51300	877	32600	**0**	Q	-	-	75-125	-	20
Chromium, Total	11.5	17.5	30.9	111		-	-	75-125	-	20
Cobalt, Total	3.75	43.8	43.7	91		-	-	75-125	-	20
Copper, Total	53.0	21.9	93.3	**184**	Q	-	-	75-125	-	20
Iron, Total	9430	87.7	10400	**1110**	Q	-	-	75-125	-	20
Lead, Total	96.1	44.7	119	**51**	Q	-	-	75-125	-	20
Magnesium, Total	25400	877	17100	**0**	Q	-	-	75-125	-	20
Manganese, Total	141.	43.8	200	**134**	Q	-	-	75-125	-	20
Nickel, Total	8.98	43.8	50.0	94		-	-	75-125	-	20
Potassium, Total	698.	877	1850	**131**	Q	-	-	75-125	-	20
Selenium, Total	0.574J	10.5	11.0	104		-	-	75-125	-	20
Silver, Total	ND	26.3	28.7	109		-	-	75-125	-	20
Sodium, Total	172.J	877	1200	**137**	Q	-	-	75-125	-	20
Thallium, Total	ND	10.5	7.73	**73**	Q	-	-	75-125	-	20
Vanadium, Total	36.2	43.8	89.5	122		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

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): 01-02,04-05,07-08,10-12 QC Batch ID: WG1168773-3 QC Sample: L1841053-01 Client ID: B-7 (0-2)									
Zinc, Total	80.7	43.8	129	110	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05,07-08,10-12 QC Batch ID: WG1168893-3 WG1168893-4 QC Sample: L1839128-10 Client ID: MS Sample									
Mercury, Total	ND	0.147	0.153	104	0.146	99	80-120	5	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

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): 03,06,09 QC Batch ID: WG1169150-3 QC Sample: L1840676-01 Client ID: MS Sample									
Aluminum, Total	0.059	2	2.03	98	-	-	75-125	-	20
Antimony, Total	0.0005J	0.5	0.4960	99	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.1241	103	-	-	75-125	-	20
Barium, Total	0.0368	2	2.061	101	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05303	106	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.05648	111	-	-	75-125	-	20
Calcium, Total	15.8	10	25.0	92	-	-	75-125	-	20
Chromium, Total	0.0004J	0.2	0.2018	101	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.5063	101	-	-	75-125	-	20
Copper, Total	0.0004J	0.25	0.2525	101	-	-	75-125	-	20
Iron, Total	0.0866	1	1.19	110	-	-	75-125	-	20
Lead, Total	ND	0.51	0.5878	115	-	-	75-125	-	20
Magnesium, Total	5.66	10	15.6	99	-	-	75-125	-	20
Manganese, Total	0.00301	0.5	0.4801	95	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.5163	103	-	-	75-125	-	20
Potassium, Total	0.450	10	9.83	94	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.123	102	-	-	75-125	-	20
Silver, Total	ND	0.05	0.05127	102	-	-	75-125	-	20
Sodium, Total	1.64	10	10.9	93	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1324	110	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5050	101	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

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): 03,06,09 QC Batch ID: WG1169150-3 QC Sample: L1840676-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5362	107	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

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): 03,06,09 QC Batch ID: WG1170061-3 QC Sample: L1841053-03 Client ID: GW-3										
Aluminum, Dissolved	0.0120	4	3.88	97		-	-	75-125	-	20
Antimony, Dissolved	0.00195J	1	0.9953	100		-	-	75-125	-	20
Arsenic, Dissolved	0.00618	0.24	0.2566	104		-	-	75-125	-	20
Barium, Dissolved	0.1997	4	4.436	106		-	-	75-125	-	20
Beryllium, Dissolved	ND	0.1	0.1016	102		-	-	75-125	-	20
Cadmium, Dissolved	ND	0.102	0.1085	106		-	-	75-125	-	20
Calcium, Dissolved	173.	20	200	**135**	Q	-	-	75-125	-	20
Chromium, Dissolved	0.00046J	0.4	0.3806	95		-	-	75-125	-	20
Cobalt, Dissolved	0.00269	1	0.9773	97		-	-	75-125	-	20
Copper, Dissolved	0.00039J	0.5	0.4800	96		-	-	75-125	-	20
Iron, Dissolved	0.110	2	2.22	106		-	-	75-125	-	20
Lead, Dissolved	0.00267	1.02	1.119	109		-	-	75-125	-	20
Magnesium, Dissolved	71.1	20	92.2	106		-	-	75-125	-	20
Manganese, Dissolved	0.8570	1	1.846	99		-	-	75-125	-	20
Nickel, Dissolved	0.00378	1	0.9779	97		-	-	75-125	-	20
Potassium, Dissolved	16.4	20	37.4	105		-	-	75-125	-	20
Selenium, Dissolved	ND	0.24	0.250	104		-	-	75-125	-	20
Silver, Dissolved	ND	0.1	0.09962	100		-	-	75-125	-	20
Sodium, Dissolved	142.	20	180	**190**	Q	-	-	75-125	-	20
Thallium, Dissolved	ND	0.24	0.2565	107		-	-	75-125	-	20
Vanadium, Dissolved	ND	1	0.9697	97		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

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): 03,06,09 QC Batch ID: WG1170061-3 QC Sample: L1841053-03 Client ID: GW-3									
Zinc, Dissolved	0.01946	1	1.056	104	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 03,06,09 QC Batch ID: WG1170088-3 QC Sample: L1841053-06 Client ID: GW-4									
Mercury, Dissolved	ND	0.005	0.00498	100	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05,07-08,10-12 QC Batch ID: WG1168773-4 QC Sample: L1841053-01 Client ID: B-7 (0-2)						
Aluminum, Total	3600	5270	mg/kg	**38**	Q	20
Antimony, Total	2.62J	0.682J	mg/kg	NC		20
Arsenic, Total	3.89	4.91	mg/kg	**23**	Q	20
Barium, Total	44.4	52.4	mg/kg	17		20
Beryllium, Total	0.122J	0.140J	mg/kg	NC		20
Cadmium, Total	0.200J	0.288J	mg/kg	NC		20
Calcium, Total	51300	36900	mg/kg	**33**	Q	20
Chromium, Total	11.5	17.1	mg/kg	**39**	Q	20
Cobalt, Total	3.75	5.14	mg/kg	**31**	Q	20
Copper, Total	53.0	152	mg/kg	**97**	Q	20
Iron, Total	9430	13600	mg/kg	**36**	Q	20
Lead, Total	96.1	92.2	mg/kg	4		20
Magnesium, Total	25400	20100	mg/kg	**23**	Q	20
Manganese, Total	141.	168	mg/kg	17		20
Nickel, Total	8.98	12.0	mg/kg	**29**	Q	20
Potassium, Total	698.	804	mg/kg	14		20
Selenium, Total	0.574J	0.743J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	172.J	174J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05,07-08,10-12 QC Batch ID: WG1168773-4 QC Sample: L1841053-01 Client ID: B-7 (0-2)						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	36.2	42.8	mg/kg	17		20
Zinc, Total	80.7	125	mg/kg	**43**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 03,06,09 QC Batch ID: WG1169150-4 QC Sample: L1840676-01 Client ID: DUP Sample						
Arsenic, Total	ND	0.00018J	mg/l	NC		20
Calcium, Total	15.8	15.7	mg/l	1		20
Iron, Total	0.0866	0.111	mg/l	**25**	Q	20
Magnesium, Total	5.66	5.68	mg/l	0		20
Manganese, Total	0.00301	0.00300	mg/l	0		20
Potassium, Total	0.450	0.450	mg/l	0		20
Sodium, Total	1.64	1.65	mg/l	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 03,06,09 QC Batch ID: WG1170061-4 QC Sample: L1841053-03 Client ID: GW-3					
Aluminum, Dissolved	0.0120	0.00847J	mg/l	NC	20
Antimony, Dissolved	0.00195J	0.00242J	mg/l	NC	20
Arsenic, Dissolved	0.00618	0.00624	mg/l	1	20
Barium, Dissolved	0.1997	0.2026	mg/l	1	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Calcium, Dissolved	173.	172	mg/l	1	20
Chromium, Dissolved	0.00046J	0.00051J	mg/l	NC	20
Cobalt, Dissolved	0.00269	0.00263	mg/l	2	20
Copper, Dissolved	0.00039J	ND	mg/l	NC	20
Iron, Dissolved	0.110	0.119	mg/l	8	20
Lead, Dissolved	0.00267	0.00274	mg/l	3	20
Magnesium, Dissolved	71.1	71.2	mg/l	0	20
Manganese, Dissolved	0.8570	0.8802	mg/l	3	20
Nickel, Dissolved	0.00378	0.00366	mg/l	3	20
Potassium, Dissolved	16.4	16.1	mg/l	2	20
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Sodium, Dissolved	142.	143	mg/l	1	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 03,06,09 QC Batch ID: WG1170061-4 QC Sample: L1841053-03 Client ID: GW-3					
Thallium, Dissolved	ND	0.00041J	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	0.01946	0.01970	mg/l	1	20
Dissolved Metals - Mansfield Lab Associated sample(s): 03,06,09 QC Batch ID: WG1170088-4 QC Sample: L1841053-06 Client ID: GW-4					
Mercury, Dissolved	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1841053
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-01
Client ID: B-7 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701
Sample Depth:
Matrix: Soil

Date Collected: 10/10/18 08:00
Date Received: 10/10/18
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	90.5		%	0.100	NA	1	-	10/11/18 09:35	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.22	1	10/11/18 13:50	10/12/18 13:51	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.884	0.177	1	10/14/18 10:23	10/15/18 15:20	1,7196A	NH

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1841053
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-02
Client ID: B-7 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701
Sample Depth:
Matrix: Soil

Date Collected: 10/10/18 08:05
Date Received: 10/10/18
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	70.0		%	0.100	NA	1	-	10/11/18 09:35	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.3	0.28	1	10/11/18 13:50	10/12/18 14:14	1,9010C/9012B	JO
Chromium, Hexavalent	0.286	J	mg/kg	1.14	0.228	1	10/14/18 10:23	10/15/18 15:20	1,7196A	NH

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-03
Client ID: GW-3
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 08:55
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.008		mg/l	0.005	0.001	1	10/11/18 10:00	10/11/18 13:18	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	10/11/18 06:30	10/11/18 07:03	1,7196A	MA

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1841053
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-04
Client ID: B-8 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701
Sample Depth:
Matrix: Soil

Date Collected: 10/10/18 09:10
Date Received: 10/10/18
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	84.6		%	0.100	NA	1	-	10/11/18 09:35	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	10/11/18 13:50	10/12/18 14:15	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.946	0.189	1	10/14/18 10:23	10/15/18 15:20	1,7196A	NH

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1841053
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-05
Client ID: B-8 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701
Sample Depth:
Matrix: Soil

Date Collected: 10/10/18 09:20
Date Received: 10/10/18
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	87.5		%	0.100	NA	1	-	10/11/18 09:35	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	10/11/18 13:50	10/12/18 14:17	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.914	0.183	1	10/14/18 10:23	10/15/18 15:20	1,7196A	NH

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-06
Client ID: GW-4
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 09:40
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.016		mg/l	0.005	0.001	1	10/11/18 10:00	10/11/18 13:19	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	10/11/18 06:30	10/11/18 07:04	1,7196A	MA

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1841053
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-07
Client ID: B-16 (4-5)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701
Sample Depth:
Matrix: Soil

Date Collected: 10/10/18 10:47
Date Received: 10/10/18
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	-	10/11/18 09:35	121,2540G	RI
Cyanide, Total	1.2		mg/kg	1.1	0.23	1	10/11/18 13:50	10/12/18 14:18	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.938	0.188	1	10/14/18 10:23	10/15/18 15:20	1,7196A	NH

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1841053
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-08
Client ID: B-15 (3-5)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701
Sample Depth:
Matrix: Soil

Date Collected: 10/10/18 10:55
Date Received: 10/10/18
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	83.0		%	0.100	NA	1	-	10/11/18 09:35	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	10/11/18 13:50	10/12/18 14:19	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.964	0.193	1	10/14/18 10:23	10/15/18 15:20	1,7196A	NH

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-09
Client ID: GW-5
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 11:00
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	10/11/18 10:00	10/11/18 13:20	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	10/11/18 06:30	10/11/18 07:04	1,7196A	MA

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-10
Client ID: B-9 (0-2)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 13:30
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.2		%	0.100	NA	1	-	10/11/18 09:35	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	10/11/18 13:50	10/12/18 14:20	1,9010C/9012B	JO
Chromium, Hexavalent	0.412	J	mg/kg	1.06	0.213	1	10/14/18 10:23	10/15/18 15:20	1,7196A	NH

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-11
Client ID: B-9 (8-10)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701

Date Collected: 10/10/18 13:35
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	10/11/18 09:35	121,2540G	RI
Cyanide, Total	1.4		mg/kg	1.1	0.24	1	10/11/18 13:50	10/12/18 14:21	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.924	0.185	1	10/14/18 10:23	10/15/18 15:20	1,7196A	NH

Project Name: ALEXANDER ST.
Project Number: 25720.00
Lab Number: L1841053
Report Date: 10/24/18

SAMPLE RESULTS

Lab ID: L1841053-12
Client ID: B-10 (6-8)
Sample Location: 57 ALEXANDER ST., YONKERS, NY 10701
Sample Depth:
Matrix: Soil

Date Collected: 10/10/18 14:35
Date Received: 10/10/18
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	70.8		%	0.100	NA	1	-	10/11/18 09:35	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.4	0.29	1	10/11/18 13:50	10/12/18 14:22	1,9010C/9012B	JO
Chromium, Hexavalent	1.31		mg/kg	1.13	0.226	1	10/14/18 10:23	10/15/18 15:20	1,7196A	NH

Project Name: ALEXANDER ST.
Project Number: 25720.00
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Report Date: 10/24/18

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): 03,06,09 Batch: WG1166810-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	10/11/18 06:30	10/11/18 07:02	1,7196A	MA
General Chemistry - Westborough Lab for sample(s): 03,06,09 Batch: WG1166880-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/11/18 10:00	10/11/18 12:48	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 01-02,04-05,07-08,10-12 Batch: WG1166934-1										
Cyanide, Total	ND		mg/kg	0.97	0.20	1	10/11/18 13:50	10/12/18 13:16	1,9010C/9012B	JO
General Chemistry - Westborough Lab for sample(s): 01-02,04-05,07-08,10-12 Batch: WG1168089-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	10/14/18 10:23	10/15/18 15:20	1,7196A	NH

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03,06,09 Batch: WG1166810-2								
Chromium, Hexavalent	93		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 03,06,09 Batch: WG1166880-2 WG1166880-3								
Cyanide, Total	98		99		85-115	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-05,07-08,10-12 Batch: WG1166934-2 WG1166934-3								
Cyanide, Total	**66**	Q	**74**	Q	80-120	17		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-05,07-08,10-12 Batch: WG1168089-2								
Chromium, Hexavalent	83		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

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): 03,06,09 QC Batch ID: WG1166810-4 QC Sample: L1841053-03 Client ID: GW-3												
Chromium, Hexavalent	ND	0.1	0.095	95		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 03,06,09 QC Batch ID: WG1166880-4 WG1166880-5 QC Sample: L1841092-01 Client ID: MS Sample												
Cyanide, Total	0.004J	0.2	0.208	104		0.196	98		80-120	6		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-05,07-08,10-12 QC Batch ID: WG1166934-4 WG1166934-5 QC Sample: L1841053-01 Client ID: B-7 (0-2)												
Cyanide, Total	ND	11	11	100		9.2	88		75-125	18		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-05,07-08,10-12 QC Batch ID: WG1168089-4 QC Sample: L1841053-12 Client ID: B-10 (6-8)												
Chromium, Hexavalent	1.31	1460	1490	102		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.00

Lab Number: L1841053

Report Date: 10/24/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03,06,09 QC Batch ID: WG1166810-3 QC Sample: L1841053-09 Client ID: GW-5						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-05,07-08,10-12 QC Batch ID: WG1166873-1 QC Sample: L1841053-01 Client ID: B-7 (0-2)						
Solids, Total	90.5	89.9	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-05,07-08,10-12 QC Batch ID: WG1168089-6 QC Sample: L1841053-12 Client ID: B-10 (6-8)						
Chromium, Hexavalent	1.31	0.734J	mg/kg	NC		20

Project Name: ALEXANDER ST.
Project Number: 25720.00

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Report Date: 10/24/18

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(*)
L1841053-01A	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-01B	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-01C	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-01D	Plastic 2oz unpreserved for TS	A	NA		4.5	Y	Absent		TS(7)
L1841053-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1841053-01F	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		HEXCR-7196(30)
L1841053-01G	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1841053-01X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-01Y	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)
L1841053-01Z	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)
L1841053-02A	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L1841053-02B	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L1841053-02C	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L1841053-02D	Plastic 2oz unpreserved for TS	B	NA		3.8	Y	Absent		TS(7)
L1841053-02E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1841053-02F	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841053-02G	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1841053-02X	Vial MeOH preserved split	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L1841053-02Y	Vial Water preserved split	B	NA		3.8	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)
L1841053-02Z	Vial Water preserved split	B	NA		3.8	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)
L1841053-03A	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)
L1841053-03B	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)
L1841053-03C	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)
L1841053-03D	Amber 120ml unpreserved	B	7	7	3.8	Y	Absent		-
L1841053-03E	Plastic 250ml unpreserved	B	7	7	3.8	Y	Absent		HEXCR-7196(1)
L1841053-03F	Plastic 120ml NAOH preserved split	B	NA		3.8	Y	Absent		TCN-9010(14)
L1841053-03G	Amber 120ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8081(7)
L1841053-03H	Amber 120ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8082-LVI(7)
L1841053-03I	Amber 120ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8082-LVI(7)
L1841053-03J	Amber 250ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841053-03K	Amber 250ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841053-03L	Plastic 250ml HNO3 preserved	B	<2	<2	3.8	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-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),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1841053-03X	Plastic 120ml HNO3 preserved Filtrates	B	NA		3.8	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),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1841053-04A	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-04B	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-04C	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841053-04D	Plastic 2oz unpreserved for TS	A	NA		4.5	Y	Absent		TS(7)
L1841053-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1841053-04F	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		HEXCR-7196(30)
L1841053-04G	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1841053-04X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-04Y	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)
L1841053-04Z	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)
L1841053-05A	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-05B	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-05C	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-05D	Plastic 2oz unpreserved for TS	A	NA		4.5	Y	Absent		TS(7)
L1841053-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1841053-05F	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		HEXCR-7196(30)
L1841053-05G	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1841053-05X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-05Y	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)
L1841053-05Z	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)
L1841053-06A	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)
L1841053-06B	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)
L1841053-06C	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)
L1841053-06D	Amber 120ml unpreserved	B	7	7	3.8	Y	Absent		-
L1841053-06E	Plastic 250ml unpreserved	B	7	7	3.8	Y	Absent		HEXCR-7196(1)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841053-06F	Plastic 120ml NAOH preserved split	B	NA		3.8	Y	Absent		TCN-9010(14)
L1841053-06G	Amber 120ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8081(7)
L1841053-06H	Amber 120ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8082-LVI(7)
L1841053-06I	Amber 120ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8082-LVI(7)
L1841053-06J	Amber 250ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841053-06K	Amber 250ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841053-06L	Plastic 250ml HNO3 preserved	B	<2	<2	3.8	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-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),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1841053-06X	Plastic 120ml HNO3 preserved Filtrates	B	NA		3.8	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),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1841053-07A	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-07B	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-07C	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-07D	Plastic 2oz unpreserved for TS	A	NA		4.5	Y	Absent		TS(7)
L1841053-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1841053-07F	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		HEXCR-7196(30)
L1841053-07G	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1841053-07X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-07Y	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841053-07Z	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)
L1841053-08A	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L1841053-08B	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L1841053-08C	5 gram Encore Sampler	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L1841053-08D	Plastic 2oz unpreserved for TS	B	NA		3.8	Y	Absent		TS(7)
L1841053-08E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1841053-08F	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		HEXCR-7196(30)
L1841053-08G	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1841053-08X	Vial MeOH preserved split	B	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L1841053-08Y	Vial Water preserved split	B	NA		3.8	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)
L1841053-08Z	Vial Water preserved split	B	NA		3.8	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)
L1841053-09A	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)
L1841053-09B	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)
L1841053-09C	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)
L1841053-09D	Amber 120ml unpreserved	B	7	7	3.8	Y	Absent		-
L1841053-09E	Plastic 250ml unpreserved	B	7	7	3.8	Y	Absent		HEXCR-7196(1)
L1841053-09F	Plastic 120ml NAOH preserved split	B	NA		3.8	Y	Absent		TCN-9010(14)
L1841053-09G	Amber 120ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8081(7)
L1841053-09H	Amber 120ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8082-LVI(7)
L1841053-09I	Amber 120ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8082-LVI(7)
L1841053-09J	Amber 250ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841053-09K	Amber 250ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841053-09L	Plastic 250ml HNO3 preserved	B	<2	<2	3.8	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-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),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1841053-09X	Plastic 120ml HNO3 preserved Filtrates	B	NA		3.8	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),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1841053-10A	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-10B	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-10C	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-10D	Plastic 2oz unpreserved for TS	A	NA		4.5	Y	Absent		TS(7)
L1841053-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1841053-10F	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		HEXCR-7196(30)
L1841053-10G	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1841053-10X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-10Y	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)
L1841053-10Z	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)
L1841053-11A	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-11B	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-11C	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-11D	Plastic 2oz unpreserved for TS	A	NA		4.5	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.00

Lab Number: L1841053
Report Date: 10/24/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841053-11E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1841053-11F	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		HEXCR-7196(30)
L1841053-11G	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1841053-11X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-11Y	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)
L1841053-11Z	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)
L1841053-12A	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-12B	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-12C	5 gram Encore Sampler	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-12D	Plastic 2oz unpreserved for TS	A	NA		4.5	Y	Absent		TS(7)
L1841053-12E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1841053-12F	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		HEXCR-7196(30)
L1841053-12G	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1841053-12X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L1841053-12Y	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)
L1841053-12Z	Vial Water preserved split	A	NA		4.5	Y	Absent	11-OCT-18 07:11	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	ALEXANDER ST.	**Lab Number:**	L1841053
Project Number:	25720.00	**Report Date:**	10/24/18

GLOSSARY

Acronyms

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.
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.
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.
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.

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.

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.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ALEXANDER ST.	**Lab Number:**	L1841053
Project Number:	25720.00	**Report Date:**	10/24/18

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

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.

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.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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.

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).

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:	ALEXANDER ST.	**Lab Number:**	L1841053
Project Number:	25720.00	**Report Date:**	10/24/18

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 6860: SCM: Perchlorate

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**
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.**

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.

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

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

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 2

Date Rec'd in Lab: 10/10/18

ALPHA Job #: L1841053

Client Information

Client: VHB
Address: 100 Motor Parkway
Hauppauge, NY 11788
Phone: 631-787-3400
Fax: —
Email: JStressler@VHB.com

Project Information

Project Name: Alexander St.
Project Location: 57 Alexander St. Yonkers NY 10701
Project #: 25720.00
(Use Project name as Project #) ☐
Project Manager: Jessica Collins
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☒ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

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 to filter GW Samples GW Samples (metals Total + dissolved) *

Please specify Metals or TAL.

ANALYSIS

TCL (VOCs+SVOCs) | TAL Metals (CP-51) | Pesticides + PCBs

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	Sample Specific Comments	Total Bottle
1841053-01	B-7 (0-2)	10/10/18	0800	S	JS	Encores + 4ozs	7
-02	B-7 (8-10)		0805	S	JS	↓	↓
-03	GW-3		0835	GW	JS		6
-04	B-8 (0-2)		0910	S	JS	Encores + 4ozs	7
-05	B-8 (8-10)		0920	S	JS	↓	↓
-06	GW-4		0940	GW	JS		6
-07	B-16 (4-5)		1047	S	JS	Encores + 4ozs	7
-08	B-15 (3-5)		1055	S	JS	↓	
-09	GW-5		1100	GW	JS		6
-10	B-9 (0-2)	↓	13:30	S	JS	Encores + 4ozs	7

Container Type	6/P	6/P	6/P
Preservative	A/O	A/O	A/O

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
	10/10/18 1510	AAL	10/10/18 15:20
AAL	10/10/18 16:53	J. Santos AAL	10/10/18 1800
J. Santos AAL	10/10/18 2300		

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)

NEW YORK CHAIN OF CUSTODY

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

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 2

Date Rec'd in Lab: 10/10/18

ALPHA Job #: L1841053

Project Information

Project Name: Alexander St.
Project Location: 57 Alexander St, Yonkers NY
Project #: 25725.00
(Use Project name as Project #) ☐
Project Manager: Jessica Collins
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information

Client: VHB
Address: 100 Motor Parkway Hauppauge NY 11788
Phone: 631-787-3400
Fax: —
Email: JStreckler@VHB.com

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:

Please specify Metals or TAL.

ANALYSIS: TCL (VOCs+SVOCs); TAL metals (+CR6 +CN); Pest + PCBs

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	TCL (VOCs+SVOCs)	TAL metals (+CR6 +CN)	Pest + PCBs	Sample Specific Comments	Total Bottles
41053	~~B-9 (0-2)~~									
-11	B-9 (8-10)	10/10/18	13:35	S	JS	X	X	X	Encore +4 jars	7
-12	B-10 (6-8)	10/10/18	14:35	S	JS	X	X	X	↓	↓
-13	TB-1	↓	—	-	JS	X	X	X		
-14	TB-2		—		JS	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	A/O	A/O
Preservative	N/O	N/O

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	10/10/18 1510	[signature] /AAL	10/10/18 1520
[signature] /AAL	10/10/18 16:5[illegible]	D. Santos AAL	10/10/18 1800
D. Santos / AAL	10/10/18 2300		

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:	L1841120
Client:	VHB Engineering, Surveying and Landscape One Penn Plaza Suite 715 New York, NY 10119-0800
ATTN:	Jessica Collins
Phone:	(646) 809-8042
Project Name:	ALEXANDER ST
Project Number:	25720.00
Report Date:	10/25/18

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: ALEXANDER ST
Project Number: 25720.00

Lab Number: L1841120
Report Date: 10/25/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1841120-01	SV-1	SOIL_VAPOR	57 ALEXANDER ST., YONKERS	10/10/18 14:15	10/10/18
L1841120-02	SV-2	SOIL_VAPOR	57 ALEXANDER ST., YONKERS	10/10/18 14:20	10/10/18
L1841120-03	IA-1	AIR	57 ALEXANDER ST., YONKERS	10/10/18 14:20	10/10/18
L1841120-04	UNUSED CAN 2234	AIR	57 ALEXANDER ST., YONKERS		10/10/18

Project Name:	ALEXANDER ST	**Lab Number:**	L1841120
Project Number:	25720.00	**Report Date:**	10/25/18

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name:	ALEXANDER ST	**Lab Number:**	L1841120
Project Number:	25720.00	**Report Date:**	10/25/18

Case Narrative (continued)

Report Submission

This report replaces the one previously issued on October 17, 2018. The report has been revised to report helium at the request of the client.

Volatile Organics in Air

Canisters were released from the laboratory on October 9, 2018. The canister certification results are provided as an addendum.

L1841120-01 and -02: The samples have elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the samples.

L1841120-01 and -02 results for Acetone should be considered estimated due to co-elution with a non-target peak.

L1841120-01 The presence of 2,2,4-Trimethylpentane could not be determined in this sample due to a non-target compound interfering with the identification and quantification of this compound.

L1841120-03, -06, -12 results for Acetone should be considered estimated due to co-elution with a non-target peak.

The WG1167821-3 LCS recoveries for 1,2,4-trichlorobenzene (138%), 1,2,3-trichlorobenzene (131%) and hexachlorobutadiene (138%) are above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of these analytes.

The WG1167824-3 LCS recoveries for bromoform (138%), 1,2,4-trichlorobenzene (151%), 1,2,3-trichlorobenzene (140%) and hexachlorobutadiene (151%) are above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of these analytes.

Project Name:	ALEXANDER ST	**Lab Number:**	L1841120
Project Number:	25720.00	**Report Date:**	10/25/18

Case Narrative (continued)

Helium in Air

L1841120-01, -02: Prior to sample analysis, the canisters were pressurized with UHP Hydrogen in order to facilitate the transfer of sample to the Gas Chromatograph. The addition of Hydrogen resulted in a dilution of the sample. The reporting limits have been elevated accordingly.

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: 10/25/18

AIR

Project Name: ALEXANDER ST
Project Number: 25720.00

Lab Number: L1841120
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841120-01 D
Client ID: SV-1
Sample Location: 57 ALEXANDER ST., YONKERS

Date Collected: 10/10/18 14:15
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/16/18 02:55
Analyst: MB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.515	0.500	--	2.55	2.47	--		2.5
Chloromethane	ND	0.500	--	ND	1.03	--		2.5
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.500	--	ND	3.49	--		2.5
Vinyl chloride	ND	0.500	--	ND	1.28	--		2.5
1,3-Butadiene	10.4	0.500	--	23.0	1.11	--		2.5
Bromomethane	ND	0.500	--	ND	1.94	--		2.5
Chloroethane	ND	0.500	--	ND	1.32	--		2.5
Ethyl Alcohol	29.6	12.5	--	55.8	23.6	--		2.5
Vinyl bromide	ND	0.500	--	ND	2.19	--		2.5
Acetone	177	2.50	--	420	5.94	--		2.5
Trichlorofluoromethane	ND	0.500	--	ND	2.81	--		2.5
iso-Propyl Alcohol	4.90	1.25	--	12.0	3.07	--		2.5
1,1-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
tert-Butyl Alcohol	2.08	1.25	--	6.31	3.79	--		2.5
Methylene chloride	2.06	1.25	--	7.16	4.34	--		2.5
3-Chloropropene	ND	0.500	--	ND	1.57	--		2.5
Carbon disulfide	15.5	0.500	--	48.3	1.56	--		2.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.500	--	ND	3.83	--		2.5
trans-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
1,1-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
Methyl tert butyl ether	ND	0.500	--	ND	1.80	--		2.5
2-Butanone	13.0	1.25	--	38.3	3.69	--		2.5
cis-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841120-01 D
Client ID: SV-1
Sample Location: 57 ALEXANDER ST., YONKERS

Date Collected: 10/10/18 14:15
Date Received: 10/10/18
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	1.25	--	ND	4.50	--		2.5
Chloroform	2.62	0.500	--	12.8	2.44	--		2.5
Tetrahydrofuran	1.30	1.25	--	3.83	3.69	--		2.5
1,2-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
n-Hexane	19.1	0.500	--	67.3	1.76	--		2.5
1,1,1-Trichloroethane	5.11	0.500	--	27.9	2.73	--		2.5
Benzene	30.1	0.500	--	96.2	1.60	--		2.5
Carbon tetrachloride	ND	0.500	--	ND	3.15	--		2.5
Cyclohexane	11.2	0.500	--	38.6	1.72	--		2.5
1,2-Dichloropropane	ND	0.500	--	ND	2.31	--		2.5
Bromodichloromethane	ND	0.500	--	ND	3.35	--		2.5
1,4-Dioxane	ND	0.500	--	ND	1.80	--		2.5
Trichloroethene	1.26	0.500	--	6.77	2.69	--		2.5
2,2,4-Trimethylpentane	ND	0.500	--	ND	2.34	--		2.5
Heptane	13.0	0.500	--	53.3	2.05	--		2.5
cis-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
4-Methyl-2-pentanone	ND	1.25	--	ND	5.12	--		2.5
trans-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
1,1,2-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Toluene	28.9	0.500	--	109	1.88	--		2.5
2-Hexanone	ND	0.500	--	ND	2.05	--		2.5
Dibromochloromethane	ND	0.500	--	ND	4.26	--		2.5
1,2-Dibromoethane	ND	0.500	--	ND	3.84	--		2.5
Tetrachloroethene	1.12	0.500	--	7.59	3.39	--		2.5
Chlorobenzene	ND	0.500	--	ND	2.30	--		2.5
Ethylbenzene	5.36	0.500	--	23.3	2.17	--		2.5

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841120-01 D
Client ID: SV-1
Sample Location: 57 ALEXANDER ST., YONKERS

Date Collected: 10/10/18 14:15
Date Received: 10/10/18
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	25.5	1.00	--	111	4.34	--		2.5
Bromoform	ND	0.500	--	ND	5.17	--		2.5
Styrene	0.712	0.500	--	3.03	2.13	--		2.5
1,1,2,2-Tetrachloroethane	ND	0.500	--	ND	3.43	--		2.5
o-Xylene	5.76	0.500	--	25.0	2.17	--		2.5
4-Ethyltoluene	2.01	0.500	--	9.88	2.46	--		2.5
1,3,5-Trimethylbenzene	1.15	0.500	--	5.65	2.46	--		2.5
1,2,4-Trimethylbenzene	4.29	0.500	--	21.1	2.46	--		2.5
Benzyl chloride	ND	0.500	--	ND	2.59	--		2.5
1,3-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,4-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		2.5
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		2.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	100		60-140

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841120-02 D
Client ID: SV-2
Sample Location: 57 ALEXANDER ST., YONKERS

Date Collected: 10/10/18 14:20
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/16/18 03:32
Analyst: MB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.400	--	ND	1.98	--		2
Chloromethane	ND	0.400	--	ND	0.826	--		2
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.400	--	ND	2.80	--		2
Vinyl chloride	ND	0.400	--	ND	1.02	--		2
1,3-Butadiene	0.516	0.400	--	1.14	0.885	--		2
Bromomethane	ND	0.400	--	ND	1.55	--		2
Chloroethane	ND	0.400	--	ND	1.06	--		2
Ethyl Alcohol	ND	10.0	--	ND	18.8	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	64.7	2.00	--	154	4.75	--		2
Trichlorofluoromethane	ND	0.400	--	ND	2.25	--		2
iso-Propyl Alcohol	1.01	1.00	--	2.48	2.46	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
tert-Butyl Alcohol	ND	1.00	--	ND	3.03	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
3-Chloropropene	ND	0.400	--	ND	1.25	--		2
Carbon disulfide	5.42	0.400	--	16.9	1.25	--		2
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.400	--	ND	3.07	--		2
trans-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
1,1-Dichloroethane	ND	0.400	--	ND	1.62	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
2-Butanone	8.88	1.00	--	26.2	2.95	--		2
cis-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841120-02 D
Client ID: SV-2
Sample Location: 57 ALEXANDER ST., YONKERS

Date Collected: 10/10/18 14:20
Date Received: 10/10/18
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	1.00	--	ND	3.60	--		2
Chloroform	1.72	0.400	--	8.40	1.95	--		2
Tetrahydrofuran	1.24	1.00	--	3.66	2.95	--		2
1,2-Dichloroethane	ND	0.400	--	ND	1.62	--		2
n-Hexane	4.29	0.400	--	15.1	1.41	--		2
1,1,1-Trichloroethane	9.44	0.400	--	51.5	2.18	--		2
Benzene	3.05	0.400	--	9.74	1.28	--		2
Carbon tetrachloride	ND	0.400	--	ND	2.52	--		2
Cyclohexane	1.92	0.400	--	6.61	1.38	--		2
1,2-Dichloropropane	ND	0.400	--	ND	1.85	--		2
Bromodichloromethane	ND	0.400	--	ND	2.68	--		2
1,4-Dioxane	ND	0.400	--	ND	1.44	--		2
Trichloroethene	ND	0.400	--	ND	2.15	--		2
2,2,4-Trimethylpentane	1.77	0.400	--	8.27	1.87	--		2
Heptane	2.46	0.400	--	10.1	1.64	--		2
cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--		2
trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Toluene	21.0	0.400	--	79.1	1.51	--		2
2-Hexanone	0.498	0.400	--	2.04	1.64	--		2
Dibromochloromethane	ND	0.400	--	ND	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	0.970	0.400	--	6.58	2.71	--		2
Chlorobenzene	ND	0.400	--	ND	1.84	--		2
Ethylbenzene	4.64	0.400	--	20.2	1.74	--		2

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841120-02 D
Client ID: SV-2
Sample Location: 57 ALEXANDER ST., YONKERS

Date Collected: 10/10/18 14:20
Date Received: 10/10/18
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	21.9	0.800	--	95.1	3.47	--		2
Bromoform	ND	0.400	--	ND	4.14	--		2
Styrene	0.584	0.400	--	2.49	1.70	--		2
1,1,2,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--		2
o-Xylene	6.93	0.400	--	30.1	1.74	--		2
4-Ethyltoluene	1.72	0.400	--	8.46	1.97	--		2
1,3,5-Trimethylbenzene	1.63	0.400	--	8.01	1.97	--		2
1,2,4-Trimethylbenzene	5.73	0.400	--	28.2	1.97	--		2
Benzyl chloride	ND	0.400	--	ND	2.07	--		2
1,3-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--		2
Hexachlorobutadiene	ND	0.400	--	ND	4.27	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	99		60-140

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841120-03
Client ID: IA-1
Sample Location: 57 ALEXANDER ST., YONKERS

Date Collected: 10/10/18 14:20
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/13/18 19:52
Analyst: MB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.374	0.200	--	1.85	0.989	--		1
Chloromethane	0.533	0.200	--	1.10	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		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
Ethyl Alcohol	6.07	5.00	--	11.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	228	1.00	--	542	2.38	--		1
Trichlorofluoromethane	0.252	0.200	--	1.42	1.12	--		1
iso-Propyl Alcohol	9.40	0.500	--	23.1	1.23	--		1
tert-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
1,1,2-Trichloro-1,2,2-Trifluoroethane	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	1.15	0.500	--	3.39	1.47	--		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

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841120-03
Client ID: IA-1
Sample Location: 57 ALEXANDER ST., YONKERS

Date Collected: 10/10/18 14:20
Date Received: 10/10/18
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								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.229	0.200	--	0.807	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.693	0.200	--	2.84	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	7.61	0.200	--	28.7	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
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.799	0.200	--	3.47	0.869	--		1
p/m-Xylene	4.24	0.400	--	18.4	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	1.52	0.200	--	6.60	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841120-03
Client ID: IA-1
Sample Location: 57 ALEXANDER ST., YONKERS

Date Collected: 10/10/18 14:20
Date Received: 10/10/18
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								
1,2,4-Trimethylbenzene	0.368	0.200	--	1.81	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	92		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	89		60-140

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841120-03
Client ID: IA-1
Sample Location: 57 ALEXANDER ST., YONKERS

Date Collected: 10/10/18 14:20
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/13/18 19:52
Analyst: MB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.068	0.020	--	0.428	0.126	--		1
Trichloroethene	0.069	0.020	--	0.371	0.107	--		1
Tetrachloroethene	0.065	0.020	--	0.441	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	93		60-140

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/13/18 14:05

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 Batch: WG1167821-4								
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
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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
Ethyl Alcohol	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
iso-Propyl Alcohol	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
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/13/18 14:05

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 Batch: WG1167821-4								
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
1,1,2-Trichloro-1,2,2-Trifluoroethane	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
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
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		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
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/13/18 14:05

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 Batch: WG1167821-4								
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

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/13/18 14:05

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 Batch: WG1167821-4								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-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 (C10)	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 (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/13/18 14:05

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 Batch: WG1167821-4								
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: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/13/18 14:37

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 for sample(s): 03 Batch: WG1167824-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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
Ethyl Alcohol	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	0.050	--	ND	0.281	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
tert-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
1,1,2-Trichloro-1,2,2-Trifluoroethane	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
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/13/18 14:37

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 for sample(s): 03 Batch: WG1167824-4								
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		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
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	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
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/13/18 14:37

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 for sample(s): 03 Batch: WG1167824-4								
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
1,2,3-Trichloropropane	ND	0.020	--	ND	0.121	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	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
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

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/13/18 14:37

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 for sample(s): 03 Batch: WG1167824-4								
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/15/18 15:03

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): 01-02 Batch: WG1168228-4								
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
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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
Ethyl Alcohol	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
iso-Propyl Alcohol	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
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/15/18 15:03

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): 01-02 Batch: WG1168228-4								
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
1,1,2-Trichloro-1,2,2-Trifluoroethane	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
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
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		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
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/15/18 15:03

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): 01-02 Batch: WG1168228-4								
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

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/15/18 15:03

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): 01-02 Batch: WG1168228-4								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-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 (C10)	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 (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/15/18 15:03

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): 01-02 Batch: WG1168228-4								
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

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST
Project Number: 25720.00

Lab Number: L1841120
Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03 Batch: WG1167821-3								
Chlorodifluoromethane	84		-		70-130	-		
Propylene	103		-		70-130	-		
Propane	72		-		70-130	-		
Dichlorodifluoromethane	99		-		70-130	-		
Chloromethane	93		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	110		-		70-130	-		
Methanol	79		-		70-130	-		
Vinyl chloride	101		-		70-130	-		
1,3-Butadiene	105		-		70-130	-		
Butane	79		-		70-130	-		
Bromomethane	107		-		70-130	-		
Chloroethane	100		-		70-130	-		
Ethyl Alcohol	81		-		70-130	-		
Dichlorofluoromethane	95		-		70-130	-		
Vinyl bromide	109		-		70-130	-		
Acrolein	86		-		70-130	-		
Acetone	100		-		70-130	-		
Acetonitrile	77		-		70-130	-		
Trichlorofluoromethane	112		-		70-130	-		
iso-Propyl Alcohol	102		-		70-130	-		
Acrylonitrile	89		-		70-130	-		
Pentane	76		-		70-130	-		
Ethyl ether	72		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST

Project Number: 25720.00

Lab Number: L1841120

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03 Batch: WG1167821-3								
1,1-Dichloroethene	101		-		70-130	-		
tert-Butyl Alcohol	93		-		70-130	-		
Methylene chloride	93		-		70-130	-		
3-Chloropropene	82		-		70-130	-		
Carbon disulfide	90		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	103		-		70-130	-		
trans-1,2-Dichloroethene	103		-		70-130	-		
1,1-Dichloroethane	100		-		70-130	-		
Methyl tert butyl ether	101		-		70-130	-		
Vinyl acetate	103		-		70-130	-		
2-Butanone	90		-		70-130	-		
cis-1,2-Dichloroethene	101		-		70-130	-		
Ethyl Acetate	108		-		70-130	-		
Chloroform	110		-		70-130	-		
Tetrahydrofuran	91		-		70-130	-		
2,2-Dichloropropane	96		-		70-130	-		
1,2-Dichloroethane	100		-		70-130	-		
n-Hexane	84		-		70-130	-		
Isopropyl Ether	84		-		70-130	-		
Ethyl-Tert-Butyl-Ether	73		-		70-130	-		
1,1,1-Trichloroethane	95		-		70-130	-		
1,1-Dichloropropene	82		-		70-130	-		
Benzene	89		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST
Project Number: 25720.00

Lab Number: L1841120
Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03 Batch: WG1167821-3								
Carbon tetrachloride	100		-		70-130	-		
Cyclohexane	83		-		70-130	-		
Tertiary-Amyl Methyl Ether	79		-		70-130	-		
Dibromomethane	87		-		70-130	-		
1,2-Dichloropropane	84		-		70-130	-		
Bromodichloromethane	97		-		70-130	-		
1,4-Dioxane	105		-		70-130	-		
Trichloroethene	100		-		70-130	-		
2,2,4-Trimethylpentane	88		-		70-130	-		
Methyl Methacrylate	72		-		70-130	-		
Heptane	79		-		70-130	-		
cis-1,3-Dichloropropene	96		-		70-130	-		
4-Methyl-2-pentanone	82		-		70-130	-		
trans-1,3-Dichloropropene	82		-		70-130	-		
1,1,2-Trichloroethane	96		-		70-130	-		
Toluene	100		-		70-130	-		
1,3-Dichloropropane	92		-		70-130	-		
2-Hexanone	97		-		70-130	-		
Dibromochloromethane	120		-		70-130	-		
1,2-Dibromoethane	109		-		70-130	-		
Butyl Acetate	95		-		70-130	-		
Octane	91		-		70-130	-		
Tetrachloroethene	117		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST

Project Number: 25720.00

Lab Number: L1841120

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03 Batch: WG1167821-3								
1,1,1,2-Tetrachloroethane	105		-		70-130	-		
Chlorobenzene	111		-		70-130	-		
Ethylbenzene	106		-		70-130	-		
p/m-Xylene	104		-		70-130	-		
Bromoform	130		-		70-130	-		
Styrene	109		-		70-130	-		
1,1,2,2-Tetrachloroethane	112		-		70-130	-		
o-Xylene	108		-		70-130	-		
1,2,3-Trichloropropane	95		-		70-130	-		
Nonane (C9)	85		-		70-130	-		
Isopropylbenzene	102		-		70-130	-		
Bromobenzene	95		-		70-130	-		
o-Chlorotoluene	104		-		70-130	-		
n-Propylbenzene	102		-		70-130	-		
p-Chlorotoluene	98		-		70-130	-		
4-Ethyltoluene	109		-		70-130	-		
1,3,5-Trimethylbenzene	107		-		70-130	-		
tert-Butylbenzene	102		-		70-130	-		
1,2,4-Trimethylbenzene	111		-		70-130	-		
Decane (C10)	92		-		70-130	-		
Benzyl chloride	117		-		70-130	-		
1,3-Dichlorobenzene	115		-		70-130	-		
1,4-Dichlorobenzene	113		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST
Project Number: 25720.00

Lab Number: L1841120
Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03 Batch: WG1167821-3								
sec-Butylbenzene	94		-		70-130	-		
p-Isopropyltoluene	96		-		70-130	-		
1,2-Dichlorobenzene	119		-		70-130	-		
n-Butylbenzene	108		-		70-130	-		
1,2-Dibromo-3-chloropropane	98		-		70-130	-		
Undecane	103		-		70-130	-		
Dodecane (C12)	118		-		70-130	-		
1,2,4-Trichlorobenzene	**138**	Q	-		70-130	-		
Naphthalene	113		-		70-130	-		
1,2,3-Trichlorobenzene	**131**	Q	-		70-130	-		
Hexachlorobutadiene	**138**	Q	-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST

Project Number: 25720.00

Lab Number: L1841120

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 03 Batch: WG1167824-3								
Propylene	100		-		70-130	-		25
Dichlorodifluoromethane	101		-		70-130	-		25
Chloromethane	90		-		70-130	-		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	106		-		70-130	-		25
Vinyl chloride	96		-		70-130	-		25
1,3-Butadiene	98		-		70-130	-		25
Bromomethane	102		-		70-130	-		25
Chloroethane	94		-		70-130	-		25
Ethyl Alcohol	80		-		70-130	-		25
Vinyl bromide	108		-		70-130	-		25
Acetone	102		-		70-130	-		25
Trichlorofluoromethane	110		-		70-130	-		25
iso-Propyl Alcohol	104		-		70-130	-		25
Acrylonitrile	84		-		70-130	-		25
1,1-Dichloroethene	99		-		70-130	-		25
tert-Butyl Alcohol[1]	87		-		70-130	-		25
Methylene chloride	91		-		70-130	-		25
3-Chloropropene	83		-		70-130	-		25
Carbon disulfide	88		-		70-130	-		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	103		-		70-130	-		25
trans-1,2-Dichloroethene	97		-		70-130	-		25
1,1-Dichloroethane	98		-		70-130	-		25
Methyl tert butyl ether	96		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST

Project Number: 25720.00

Lab Number: L1841120

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 03 Batch: WG1167824-3								
Vinyl acetate	94		-		70-130	-		25
2-Butanone	93		-		70-130	-		25
cis-1,2-Dichloroethene	99		-		70-130	-		25
Ethyl Acetate	106		-		70-130	-		25
Chloroform	107		-		70-130	-		25
Tetrahydrofuran	82		-		70-130	-		25
1,2-Dichloroethane	97		-		70-130	-		25
n-Hexane	75		-		70-130	-		25
1,1,1-Trichloroethane	89		-		70-130	-		25
Benzene	85		-		70-130	-		25
Carbon tetrachloride	94		-		70-130	-		25
Cyclohexane	75		-		70-130	-		25
Dibromomethane[1]	75		-		70-130	-		25
1,2-Dichloropropane	82		-		70-130	-		25
Bromodichloromethane	90		-		70-130	-		25
1,4-Dioxane	95		-		70-130	-		25
Trichloroethene	93		-		70-130	-		25
2,2,4-Trimethylpentane	80		-		70-130	-		25
cis-1,3-Dichloropropene	91		-		70-130	-		25
4-Methyl-2-pentanone	82		-		70-130	-		25
trans-1,3-Dichloropropene	79		-		70-130	-		25
1,1,2-Trichloroethane	92		-		70-130	-		25
Toluene	104		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

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Lab Number: L1841120

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 03 Batch: WG1167824-3								
2-Hexanone	99		-		70-130	-		25
Dibromochloromethane	125		-		70-130	-		25
1,2-Dibromoethane	110		-		70-130	-		25
Tetrachloroethene	120		-		70-130	-		25
1,1,1,2-Tetrachloroethane	109		-		70-130	-		25
Chlorobenzene	116		-		70-130	-		25
Ethylbenzene	104		-		70-130	-		25
p/m-Xylene	102		-		70-130	-		25
Bromoform	**138**	Q	-		70-130	-		25
Styrene	111		-		70-130	-		25
1,1,2,2-Tetrachloroethane	112		-		70-130	-		25
o-Xylene	108		-		70-130	-		25
1,2,3-Trichloropropane[1]	96		-		70-130	-		25
Isopropylbenzene	105		-		70-130	-		25
Bromobenzene[1]	98		-		70-130	-		25
4-Ethyltoluene	114		-		70-130	-		25
1,3,5-Trimethylbenzene	111		-		70-130	-		25
1,2,4-Trimethylbenzene	115		-		70-130	-		25
Benzyl chloride	122		-		70-130	-		25
1,3-Dichlorobenzene	128		-		70-130	-		25
1,4-Dichlorobenzene	126		-		70-130	-		25
sec-Butylbenzene	109		-		70-130	-		25
p-Isopropyltoluene	103		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST

Project Number: 25720.00

Lab Number: L1841120

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 03 Batch: WG1167824-3								
1,2-Dichlorobenzene	127		-		70-130	-		25
n-Butylbenzene	117		-		70-130	-		25
1,2,4-Trichlorobenzene	**151**	Q	-		70-130	-		25
Naphthalene	114		-		70-130	-		25
1,2,3-Trichlorobenzene	**140**	Q	-		70-130	-		25
Hexachlorobutadiene	**151**	Q	-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST
Project Number: 25720.00

Lab Number: L1841120
Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1168228-3								
Chlorodifluoromethane	92		-		70-130	-		
Propylene	109		-		70-130	-		
Propane	97		-		70-130	-		
Dichlorodifluoromethane	102		-		70-130	-		
Chloromethane	106		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	105		-		70-130	-		
Methanol	99		-		70-130	-		
Vinyl chloride	100		-		70-130	-		
1,3-Butadiene	117		-		70-130	-		
Butane	94		-		70-130	-		
Bromomethane	102		-		70-130	-		
Chloroethane	102		-		70-130	-		
Ethyl Alcohol	111		-		70-130	-		
Dichlorofluoromethane	93		-		70-130	-		
Vinyl bromide	103		-		70-130	-		
Acrolein	98		-		70-130	-		
Acetone	108		-		70-130	-		
Acetonitrile	93		-		70-130	-		
Trichlorofluoromethane	105		-		70-130	-		
iso-Propyl Alcohol	109		-		70-130	-		
Acrylonitrile	104		-		70-130	-		
Pentane	116		-		70-130	-		
Ethyl ether	120		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST

Project Number: 25720.00

Lab Number: L1841120

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1168228-3								
1,1-Dichloroethene	102		-		70-130	-		
tert-Butyl Alcohol	99		-		70-130	-		
Methylene chloride	112		-		70-130	-		
3-Chloropropene	108		-		70-130	-		
Carbon disulfide	105		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	106		-		70-130	-		
trans-1,2-Dichloroethene	99		-		70-130	-		
1,1-Dichloroethane	99		-		70-130	-		
Methyl tert butyl ether	109		-		70-130	-		
Vinyl acetate	112		-		70-130	-		
2-Butanone	104		-		70-130	-		
cis-1,2-Dichloroethene	91		-		70-130	-		
Ethyl Acetate	96		-		70-130	-		
Chloroform	94		-		70-130	-		
Tetrahydrofuran	98		-		70-130	-		
2,2-Dichloropropane	86		-		70-130	-		
1,2-Dichloroethane	96		-		70-130	-		
n-Hexane	105		-		70-130	-		
Isopropyl Ether	94		-		70-130	-		
Ethyl-Tert-Butyl-Ether	94		-		70-130	-		
1,1,1-Trichloroethane	103		-		70-130	-		
1,1-Dichloropropene	98		-		70-130	-		
Benzene	97		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST
Project Number: 25720.00

Lab Number: L1841120
Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1168228-3								
Carbon tetrachloride	106		-		70-130	-		
Cyclohexane	104		-		70-130	-		
Tertiary-Amyl Methyl Ether	94		-		70-130	-		
Dibromomethane	97		-		70-130	-		
1,2-Dichloropropane	104		-		70-130	-		
Bromodichloromethane	110		-		70-130	-		
1,4-Dioxane	110		-		70-130	-		
Trichloroethene	101		-		70-130	-		
2,2,4-Trimethylpentane	108		-		70-130	-		
Methyl Methacrylate	105		-		70-130	-		
Heptane	118		-		70-130	-		
cis-1,3-Dichloropropene	110		-		70-130	-		
4-Methyl-2-pentanone	121		-		70-130	-		
trans-1,3-Dichloropropene	96		-		70-130	-		
1,1,2-Trichloroethane	104		-		70-130	-		
Toluene	100		-		70-130	-		
1,3-Dichloropropane	91		-		70-130	-		
2-Hexanone	116		-		70-130	-		
Dibromochloromethane	113		-		70-130	-		
1,2-Dibromoethane	99		-		70-130	-		
Butyl Acetate	91		-		70-130	-		
Octane	93		-		70-130	-		
Tetrachloroethene	96		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST

Project Number: 25720.00

Lab Number: L1841120

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1168228-3								
1,1,1,2-Tetrachloroethane	97		-		70-130	-		
Chlorobenzene	100		-		70-130	-		
Ethylbenzene	102		-		70-130	-		
p/m-Xylene	105		-		70-130	-		
Bromoform	118		-		70-130	-		
Styrene	104		-		70-130	-		
1,1,2,2-Tetrachloroethane	111		-		70-130	-		
o-Xylene	111		-		70-130	-		
1,2,3-Trichloropropane	96		-		70-130	-		
Nonane (C9)	106		-		70-130	-		
Isopropylbenzene	100		-		70-130	-		
Bromobenzene	98		-		70-130	-		
o-Chlorotoluene	95		-		70-130	-		
n-Propylbenzene	98		-		70-130	-		
p-Chlorotoluene	91		-		70-130	-		
4-Ethyltoluene	117		-		70-130	-		
1,3,5-Trimethylbenzene	108		-		70-130	-		
tert-Butylbenzene	104		-		70-130	-		
1,2,4-Trimethylbenzene	116		-		70-130	-		
Decane (C10)	105		-		70-130	-		
Benzyl chloride	130		-		70-130	-		
1,3-Dichlorobenzene	110		-		70-130	-		
1,4-Dichlorobenzene	110		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST

Project Number: 25720.00

Lab Number: L1841120

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1168228-3								
sec-Butylbenzene	103		-		70-130	-		
p-Isopropyltoluene	99		-		70-130	-		
1,2-Dichlorobenzene	108		-		70-130	-		
n-Butylbenzene	108		-		70-130	-		
1,2-Dibromo-3-chloropropane	114		-		70-130	-		
Undecane	113		-		70-130	-		
Dodecane (C12)	118		-		70-130	-		
1,2,4-Trichlorobenzene	114		-		70-130	-		
Naphthalene	105		-		70-130	-		
1,2,3-Trichlorobenzene	105		-		70-130	-		
Hexachlorobutadiene	111		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALEXANDER ST
Project Number: 25720.00

Lab Number: L1841120
Report Date: 10/25/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1167821-5 QC Sample: L1841048-06 Client ID: DUP Sample						
Dichlorodifluoromethane	0.423	0.408	ppbV	4		25
Chloromethane	0.695	0.525	ppbV	**28**	Q	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	3.96	3.92	ppbV	1		25
Ethyl Alcohol	31.1	31.7	ppbV	2		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	23.2	22.1	ppbV	5		25
Trichlorofluoromethane	0.289	0.286	ppbV	1		25
iso-Propyl Alcohol	3.82	3.69	ppbV	3		25
tert-Butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	0.510	0.501	ppbV	2		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	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
2-Butanone	2.78	2.83	ppbV	2		25
Ethyl Acetate	2.57	2.45	ppbV	5		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALEXANDER ST
Project Number: 25720.00

Lab Number: L1841120
Report Date: 10/25/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1167821-5 QC Sample: L1841048-06 Client ID: DUP Sample						
Chloroform	0.291	0.272	ppbV	7		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	0.649	0.638	ppbV	2		25
Benzene	ND	0.227	ppbV	NC		25
Cyclohexane	1.81	2.02	ppbV	11		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	0.398	0.402	ppbV	1		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
Toluene	3.65	3.79	ppbV	4		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	0.691	0.717	ppbV	4		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALEXANDER ST
Project Number: 25720.00

Lab Number: L1841120
Report Date: 10/25/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1167821-5 QC Sample: L1841048-06 Client ID: DUP Sample						
p/m-Xylene	1.69	1.76	ppbV	4		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	0.684	0.709	ppbV	4		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	0.600	0.585	ppbV	3		25
4-Ethyltoluene	0.304	0.317	ppbV	4		25
1,3,5-Trimethylbenzene	0.404	0.407	ppbV	1		25
1,2,4-Trimethylbenzene	1.32	1.29	ppbV	2		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
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1167824-5 QC Sample: L1841048-06 Client ID: DUP Sample						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	0.025	0.025	ppbV	0		25
Carbon tetrachloride	0.076	0.079	ppbV	4		25
Trichloroethene	0.059	0.061	ppbV	3		25
Tetrachloroethene	0.189	0.187	ppbV	1		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALEXANDER ST
Project Number: 25720.00

Lab Number: L1841120
Report Date: 10/25/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1168228-5 QC Sample: L1841424-01 Client ID: DUP Sample						
Dichlorodifluoromethane	0.579	0.569	ppbV	2		25
Chloromethane	0.631	0.653	ppbV	3		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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
Ethyl Alcohol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	3.20	3.10	ppbV	3		25
Trichlorofluoromethane	1.45	1.47	ppbV	1		25
iso-Propyl Alcohol	1.32	1.31	ppbV	1		25
tert-Butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	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
2-Butanone	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALEXANDER ST
Project Number: 25720.00

Lab Number: L1841120
Report Date: 10/25/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1168228-5 QC Sample: L1841424-01 Client ID: DUP Sample						
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	ND	ND	ppbV	NC		25
Benzene	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
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
Toluene	0.306	0.306	ppbV	0		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALEXANDER ST
Project Number: 25720.00

Lab Number: L1841120
Report Date: 10/25/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1168228-5 QC Sample: L1841424-01 Client ID: DUP Sample						
p/m-Xylene	ND	ND	ppbV	NC		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	ND	ND	ppbV	NC		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: ALEXANDER ST
Lab Number: L1841120
Project Number: 25720.00
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841120-01 D
Client ID: SV-1
Sample Location: 57 ALEXANDER ST., YONKERS

Date Collected: 10/10/18 14:15
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 10/19/18 12:11
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Helium	ND		%	0.204	--	2.041

Project Name: ALEXANDER ST
Lab Number: L1841120
Project Number: 25720.00
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841120-02 D
Client ID: SV-2
Sample Location: 57 ALEXANDER ST., YONKERS

Date Collected: 10/10/18 14:20
Date Received: 10/10/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 10/19/18 12:45
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Helium	ND		%	0.192	--	1.923

Project Name: ALEXANDER ST
Project Number: 25720.00
Lab Number: L1841120
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 51,3C
Analytical Date: 10/19/18 09:53
Analyst: AR

Parameter	Result	Qualifier	Units	RL	MDL
Fixed Gases by GC - Mansfield Lab for sample(s): 01-02 Batch: WG1170090-3					
Nitrogen	ND		%	1.00	--
Oxygen	ND		%	1.00	--
Carbon Dioxide	ND		%	0.100	--
Methane	ND		%	0.100	--
Carbon Monoxide	ND		%	0.100	--
Helium	ND		%	0.100	--

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST

Project Number: 25720.00

Lab Number: L1841120

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-02 Batch: WG1170090-2								
Nitrogen	105		-		80-120	-		
Oxygen	98		-		80-120	-		
Carbon Dioxide	106		-		80-120	-		
Methane	110		-		80-120	-		
Carbon Monoxide	114		-		80-120	-		
Helium	106		-		80-120	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALEXANDER ST
Project Number: 25720.00

Lab Number: L1841120
Report Date: 10/25/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1170090-4 QC Sample: L1838741-01 Client ID: DUP Sample						
Methane	15.0	15.0	%	0		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1170090-5 QC Sample: L1838741-02 Client ID: DUP Sample						
Methane	1.44	1.45	%	1		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1170090-6 QC Sample: L1838741-03 Client ID: DUP Sample						
Methane	7.30	7.30	%	0		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1170090-8 QC Sample: L1841120-01 Client ID: SV-1						
Helium	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1170090-9 QC Sample: L1841120-02 Client ID: SV-2						
Helium	ND	ND	%	NC		5

Project Name: ALEXANDER ST

Project Number: 25720.00

Lab Number: L1841120

Report Date: 10/25/18

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
L1841120-01	SV-1	01087	SV20	10/09/18	276023		-	-	-	Pass	20.0	16.4	20
L1841120-01	SV-1	549	2.7L Can	10/09/18	276023	L1838497-01	Pass	-29.9	-5.7	-	-	-	-
L1841120-02	SV-2	01094	SV20	10/09/18	276023		-	-	-	Pass	19.6	16.6	17
L1841120-02	SV-2	376	2.7L Can	10/09/18	276023	L1838497-01	Pass	-29.8	-5.3	-	-	-	-
L1841120-03	IA-1	01092	SV20	10/09/18	276023		-	-	-	Pass	21.8	18.1	19
L1841120-03	IA-1	2028	2.7L Can	10/09/18	276023	L1837485-01	Pass	-29.8	-3.9	-	-	-	-
L1841120-04	UNUSED CAN 2234	01090	SV20	10/09/18	276023		-	-	-	Pass	21.1	21.1	0
L1841120-04	UNUSED CAN 2234	2234	2.7L Can	10/09/18	276023	L1837485-01	Pass	-29.9	-29.9	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1837485
Report Date: 10/25/18

Air Canister Certification Results

Lab ID: L1837485-01
Client ID: CAN 457 SHELF 9
Sample Location:

Date Collected: 09/19/18 16:00
Date Received: 09/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/20/18 19:53
Analyst: MB

	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
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
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1837485
Report Date: 10/25/18

Air Canister Certification Results

Lab ID: L1837485-01
Client ID: CAN 457 SHELF 9
Sample Location:

Date Collected: 09/19/18 16:00
Date Received: 09/20/18
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								
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
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
1,1,1-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
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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1837485
Report Date: 10/25/18

Air Canister Certification Results

Lab ID: L1837485-01
Client ID: CAN 457 SHELF 9
Sample Location:

Date Collected: 09/19/18 16:00
Date Received: 09/20/18
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								
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
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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1837485
Report Date: 10/25/18

Air Canister Certification Results

Lab ID: L1837485-01
Client ID: CAN 457 SHELF 9
Sample Location:

Date Collected: 09/19/18 16:00
Date Received: 09/20/18
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								
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: L1837485
Report Date: 10/25/18

Air Canister Certification Results

Lab ID: L1837485-01
Client ID: CAN 457 SHELF 9
Sample Location:

Date Collected: 09/19/18 16:00
Date Received: 09/20/18
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	93		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	92		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1837485
Report Date: 10/25/18

Air Canister Certification Results

Lab ID: L1837485-01
Client ID: CAN 457 SHELF 9
Sample Location:

Date Collected: 09/19/18 16:00
Date Received: 09/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/20/18 19:53
Analyst: MB

	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
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
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1837485

Project Number: CANISTER QC BAT **Report Date:** 10/25/18

Air Canister Certification Results

Lab ID: L1837485-01
Client ID: CAN 457 SHELF 9
Sample Location:

Date Collected: 09/19/18 16:00
Date Received: 09/20/18
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								
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
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1837485
Report Date: 10/25/18

Air Canister Certification Results

Lab ID: L1837485-01
Client ID: CAN 457 SHELF 9
Sample Location:

Date Collected: 09/19/18 16:00
Date Received: 09/20/18
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								
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	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	92		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1838497
Report Date: 10/25/18

Air Canister Certification Results

Lab ID: L1838497-01
Client ID: CAN 394 SHELF 19
Sample Location:

Date Collected: 09/25/18 16:00
Date Received: 09/26/18
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/27/18 22:25
Analyst: MB

	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	0.615	0.200	--	1.03	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: L1838497
Report Date: 10/25/18

Air Canister Certification Results

Lab ID: L1838497-01
Client ID: CAN 394 SHELF 19
Sample Location:

Date Collected: 09/25/18 16:00
Date Received: 09/26/18
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
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
1,1,1-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
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1838497
Report Date: 10/25/18

Air Canister Certification Results

Lab ID: L1838497-01
Client ID: CAN 394 SHELF 19
Sample Location:

Date Collected: 09/25/18 16:00
Date Received: 09/26/18
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								
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
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1838497
Report Date: 10/25/18

Air Canister Certification Results

Lab ID: L1838497-01
Client ID: CAN 394 SHELF 19
Sample Location:

Date Collected: 09/25/18 16:00
Date Received: 09/26/18
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								
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 **Lab Number:** L1838497

Project Number: CANISTER QC BAT **Report Date:** 10/25/18

Air Canister Certification Results

Lab ID: L1838497-01
Client ID: CAN 394 SHELF 19
Sample Location:

Date Collected: 09/25/18 16:00
Date Received: 09/26/18
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	93		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1838497
Report Date: 10/25/18

Air Canister Certification Results

Lab ID: L1838497-01
Client ID: CAN 394 SHELF 19
Sample Location:

Date Collected: 09/25/18 16:00
Date Received: 09/26/18
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/27/18 22:25
Analyst: MB

	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
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
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1838497
Report Date: 10/25/18

Air Canister Certification Results

Lab ID: L1838497-01
Client ID: CAN 394 SHELF 19
Sample Location:

Date Collected: 09/25/18 16:00
Date Received: 09/26/18
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								
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
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1838497
Report Date: 10/25/18

Air Canister Certification Results

Lab ID: L1838497-01
Client ID: CAN 394 SHELF 19
Sample Location:

Date Collected: 09/25/18 16:00
Date Received: 09/26/18
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								
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	92		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	91		60-140

Project Name: ALEXANDER ST
Project Number: 25720.00

Lab Number: L1841120
Report Date: 10/25/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841120-01A	Canister - 2.7 Liter	N/A	NA			Y	Absent		FIXGAS(30),TO15-LL(30)
L1841120-02A	Canister - 2.7 Liter	N/A	NA			Y	Absent		FIXGAS(30),TO15-LL(30)
L1841120-03A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L1841120-04A	Canister - 6 Liter	N/A	NA			Y	Absent		CAN-RENT()

*Values in parentheses indicate holding time in days

Project Name:	ALEXANDER ST	**Lab Number:**	L1841120
Project Number:	25720.00	**Report Date:**	10/25/18

GLOSSARY

Acronyms

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.
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.
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.
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.

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.

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.

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.

Report Format: Data Usability Report

Project Name:	ALEXANDER ST	**Lab Number:**	L1841120
Project Number:	25720.00	**Report Date:**	10/25/18

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

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.

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.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name:	ALEXANDER ST	**Lab Number:**	L1841120
Project Number:	25720.00	**Report Date:**	10/25/18

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

51 Determination of Carbon Dioxide, Methane, Nitrogen and Oxygen from Stationary Sources. Method 3C. Appendix A, Part 60, 40 CFR (Code of Federal Regulations). June 20, 1996.

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
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 6860: SCM: Perchlorate

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**
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.**

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.

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 1

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

CHAIN OF CUSTODY

Date Rec'd in Lab: 10/11/18

ALPHA Job #: L1841120

Client Information

Client: VHB
Address: 100 Motor Parkway
Hauppauge NY 11788
Phone: 631-787-3400
Fax: —
Email: JStressler@vhb.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Alexander St
Project Location: 57 Alexander St Yonkers
Project #: 25720.00
Project Manager: Jessica Collins
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: ☐

Controller ID: 01090 > not utilized for Sampling
Can ID: 0234

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)
41120.01	SV-1	10/10/18	1215	1415	-30.07	-5.39	SV	JS	2.7	549	01087	X						PID: 0.6ppm
.02	SV-2	10/10/18	1218	1420	-30.04	-5.12	SV	JS	2.7	326	01094	X						PID: 2.3ppm
.03	IA-1	10/10/18	1222	1420	-30.14	-4.18	AA	JS	2.7	2028	01092	X						~~PID: 0~~

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

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.

Relinquished By:	Date/Time	Received By:	Date/Time:
	10/10/18 15:15		10/10/18 15:20
	10/10/18 16:55		10/11/18 0700
10/11/18 0650		10/11/18 0650	

Form No: 101-03 Rev: (26 Sep-15)

ANALYTICAL REPORT

Lab Number:	L1841367
Client:	VHB Engineering, Surveying and Landscape One Penn Plaza Suite 715 New York, NY 10119-0800
ATTN:	Jessica Collins
Phone:	(646) 809-8042
Project Name:	ALEXANDER ST.
Project Number:	25720.01
Report Date:	10/25/18

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: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1841367-01	GW-6	WATER	57 ALEXANDER ST., YONKERS, NY	10/11/18 08:00	10/11/18
L1841367-02	GW-8	WATER	57 ALEXANDER ST., YONKERS, NY	10/11/18 10:50	10/11/18
L1841367-03	GW-9	WATER	57 ALEXANDER ST., YONKERS, NY	10/11/18 11:30	10/11/18
L1841367-04	GW-10	WATER	57 ALEXANDER ST., YONKERS, NY	10/11/18 12:30	10/11/18
L1841367-05	GW-7	WATER	57 ALEXANDER ST., YONKERS, NY	10/11/18 08:30	10/11/18
L1841367-06	B-13 (5-6)	SOIL	57 ALEXANDER ST., YONKERS, NY	10/11/18 09:00	10/11/18
L1841367-07	B-11 (5-7)	SOIL	57 ALEXANDER ST., YONKERS, NY	10/11/18 09:50	10/11/18
L1841367-08	B-14 (6-7)	SOIL	57 ALEXANDER ST., YONKERS, NY	10/11/18 10:45	10/11/18
L1841367-09	B-12 (5-7)	SOIL	57 ALEXANDER ST., YONKERS, NY	10/11/18 11:15	10/11/18
L1841367-10	SS-DUP-1	SOIL	57 ALEXANDER ST., YONKERS, NY	10/11/18 00:00	10/11/18
L1841367-11	SD-1	SOIL	57 ALEXANDER ST., YONKERS, NY	10/11/18 13:45	10/11/18
L1841367-12	SD-2	SOIL	57 ALEXANDER ST., YONKERS, NY	10/11/18 14:00	10/11/18
L1841367-13	FIELD BLANK	FIELD BLANK	57 ALEXANDER ST., YONKERS, NY	10/11/18 13:00	10/11/18
L1841367-14	TRIP BLANK (1)	TRIP BLANK (AQUEOUS)	57 ALEXANDER ST., YONKERS, NY	10/11/18 00:00	10/11/18
L1841367-15	TRIP BLANK (2)	TRIP BLANK (AQUEOUS)	57 ALEXANDER ST., YONKERS, NY	10/11/18 00:00	10/11/18
L1841367-16	TRIP BLANK (3)	TRIP BLANK (AQUEOUS)	57 ALEXANDER ST., YONKERS, NY	10/11/18 00:00	10/11/18

Project Name:	ALEXANDER ST.	**Lab Number:**	L1841367
Project Number:	25720.01	**Report Date:**	10/25/18

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: ALEXANDER ST. **Lab Number:** L1841367
Project Number: 25720.01 **Report Date:** 10/25/18

Case Narrative (continued)

Report Submission

October 25, 2018: This final report includes the results of all requested analyses.

October 23, 2018: This is a preliminary report.

October 22, 2018: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The analyses performed were specified by the client.

L1841367-01, -02, -03, -04, -05, and -13: The sample was received without the container for the Total Cyanide analysis. An aliquot was taken from an unpreserved container and preserved appropriately.

L1841367-02: The collection date and time on the chain of custody was 11-OCT-18 10:50; however, the collection date/time on the container label was 11-OCT-18 10:00. At the client's request, the collection date/time is reported as 11-OCT-18 10:50.

L1841367-05: The collection time was obtained from the container labels.

Volatile Organics

L1841367-06: The internal standard (IS) responses for chlorobenzene-d5 (44%) and 1,4-dichlorobenzene-d4 (20%) and the surrogate recoveries for 1,2-dichloroethane-d4 (146%), toluene-d8 (132%), 4-bromofluorobenzene (133%) and dibromofluoromethane (139%) were outside the acceptance criteria; however, re-analysis achieved a similar result: 1,4-dichlorobenzene-d4 (35%). The results of both analyses are reported.

L1841367-10: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

Semivolatile Organics

L1841367-06, -07, -11, and -12: The sample has elevated detection limits due to the dilution required by the

Project Name: ALEXANDER ST. **Lab Number:** L1841367
Project Number: 25720.01 **Report Date:** 10/25/18

Case Narrative (continued)

sample matrix.
The WG1168397-2/-3 LCS/LCSD recoveries, associated with L1841367-01, -02, -03, -04, -05, and -13, are below the acceptance criteria for 4-chloroaniline (9%/8%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.
The WG1169022-2/-3 LCS/LCSD recoveries, associated with L1841367-06 through -12, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.
The WG1168397-4/-5 MS/MSD recoveries, performed on L1841367-01, are below the acceptance criteria for 3,3'-dichlorobenzidine (0%/0%) due to the concentration of this compound falling below the reported detection limit.
The WG1169022-4/-5 MS/MSD recoveries, performed on L1841367-08, are below the acceptance criteria for benzoic acid (0%/0%) due to the concentration of this compound falling below the reported detection limit.

Pesticides
L1841367-07, -08, -09 and -10: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.
L1841367-07 and -08: 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.
The WG1168889 MS/MSD was not analyzed because the dilution required by the elevated concentrations of non-target compounds present in the native sample would have caused the spike compounds to be diluted below the range of calibration.

Total Metals
L1841367-06 through -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.
L1841367-13: The Field Blank has results for barium, calcium and sodium present above the reporting limits. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there

Project Name: ALEXANDER ST. **Lab Number:** L1841367
Project Number: 25720.01 **Report Date:** 10/25/18

Case Narrative (continued)

was no potential for carry over.
The WG1169674-3/-4 MS/MSD recoveries, performed on L1841367-01, are outside the acceptance criteria for potassium (133%/128%). A post digestion spike was performed and was within acceptance criteria.
The WG1169674-3/-4 MS/MSD recoveries, performed on L1841367-01, are outside the acceptance criteria for aluminum (130%/129%). A post digestion spike was performed and yielded an unacceptable recovery for aluminum (120%). The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.
The WG1169674-3/-4 MS/MSD recoveries for calcium (290%/270%), iron (170%/150%) and sodium (480%/440%), performed on L1841367-01, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG1169441-4 MSD recovery, performed on L1841367-08, is outside the acceptance criteria for mercury (134%). A post digestion spike was performed and was within acceptance criteria.
The WG1169787-3/-4 MS/MSD recoveries for aluminum (0%/0%), iron (1030%/913%) and manganese (MSD 370%), performed on L1841367-08, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG1169787-3/-4 MS/MSD recoveries, performed on L1841367-08, are outside the acceptance criteria for calcium (172%/140%), lead (MS 239%) and magnesium (MS 132%). A post digestion spike was performed and was within acceptance criteria.
The WG1169787-3/-4 MS/MSD RPDs for lead (56%) and manganese (33%), performed on L1841367-08, are above the acceptance criteria.

Dissolved Metals
L1841367-13: The Field Blank has results for barium, calcium, copper, manganese, magnesium and sodium present above the reporting limits. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.
The WG1170207-3/-4 MS/MSD recoveries for calcium (180%/150%) and sodium (380%/310%), performed on L1841367-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

Project Name: ALEXANDER ST. **Lab Number:** L1841367
Project Number: 25720.01 **Report Date:** 10/25/18

Case Narrative (continued)

Cyanide, Total

The WG1168106-2/-3 LCS/LCSD recoveries (74%/64%), associated with L1841367-06 through -10, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Hexavalent Chromium

The WG1168091-4/-5 MS/MSD RPD (48%), performed on L1841367-08, is above the acceptance criteria.

The WG1168091-6 Soluble MS recovery (63%), performed on L1841367-08, was outside the acceptance criteria. This has been attributed to matrix interference. A post-spike was performed with a recovery of 107%.

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: Melissa Cripps

Title: Technical Director/Representative Date: 10/25/18

ORGANICS

VOLATILES

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-01 Date Collected: 10/11/18 08:00
Client ID: GW-6 Date Received: 10/11/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/18/18 13:27
Analyst: AD

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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-01 Date Collected: 10/11/18 08:00

Client ID: GW-6 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	4.0	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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-01 Date Collected: 10/11/18 08:00

Client ID: GW-6 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	117		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	111		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-02 Date Collected: 10/11/18 10:50
Client ID: GW-8 Date Received: 10/11/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/18/18 13:00
Analyst: AD

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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-02 Date Collected: 10/11/18 10:50

Client ID: GW-8 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	2.2	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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-02 Date Collected: 10/11/18 10:50

Client ID: GW-8 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	106		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	108		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-03 Date Collected: 10/11/18 11:30
Client ID: GW-9 Date Received: 10/11/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/18/18 14:50
Analyst: AD

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	1.3		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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-03 Date Collected: 10/11/18 11:30

Client ID: GW-9 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	0.87	J	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	0.94	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	1.2	J	ug/l	2.5	0.70	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-03 Date Collected: 10/11/18 11:30

Client ID: GW-9 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	4.4		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	110		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-04 Date Collected: 10/11/18 12:30
Client ID: GW-10 Date Received: 10/11/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/18/18 15:18
Analyst: AD

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	0.54		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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-04 Date Collected: 10/11/18 12:30

Client ID: GW-10 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	2.0	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	3.8		ug/l	2.5	0.70	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-04 Date Collected: 10/11/18 12:30

Client ID: GW-10 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	111		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	104		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-05 Date Collected: 10/11/18 08:30
Client ID: GW-7 Date Received: 10/11/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/18/18 15:46
Analyst: AD

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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-05 Date Collected: 10/11/18 08:30

Client ID: GW-7 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	3.4	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	1.5	J	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	1.1	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	3.8		ug/l	2.5	0.70	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-05 Date Collected: 10/11/18 08:30

Client ID: GW-7 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	0.70	J	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	1.2	J	ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	4.1		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	111		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	107		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-06
Client ID: B-13 (5-6)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 09:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/19/18 17:30
Analyst: KJD
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	5.1	1
1,1-Dichloroethane	5.2		ug/kg	2.2	0.32	1
Chloroform	ND		ug/kg	3.3	0.31	1
Carbon tetrachloride	ND		ug/kg	2.2	0.51	1
1,2-Dichloropropane	ND		ug/kg	2.2	0.28	1
Dibromochloromethane	ND		ug/kg	2.2	0.31	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	0.59	1
Tetrachloroethene	ND		ug/kg	1.1	0.43	1
Chlorobenzene	ND		ug/kg	1.1	0.28	1
Trichlorofluoromethane	ND		ug/kg	8.9	1.5	1
1,2-Dichloroethane	ND		ug/kg	2.2	0.57	1
1,1,1-Trichloroethane	1.4		ug/kg	1.1	0.37	1
Bromodichloromethane	ND		ug/kg	1.1	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	2.2	0.60	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.35	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.35	1
1,1-Dichloropropene	ND		ug/kg	1.1	0.35	1
Bromoform	ND		ug/kg	8.9	0.54	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.37	1
Benzene	ND		ug/kg	1.1	0.37	1
Toluene	ND		ug/kg	2.2	1.2	1
Ethylbenzene	1.7	J	ug/kg	2.2	0.31	1
Chloromethane	ND		ug/kg	8.9	2.1	1
Bromomethane	ND		ug/kg	4.4	1.3	1
Vinyl chloride	ND		ug/kg	2.2	0.74	1
Chloroethane	ND		ug/kg	4.4	1.0	1
1,1-Dichloroethene	ND		ug/kg	2.2	0.53	1
trans-1,2-Dichloroethene	ND		ug/kg	3.3	0.30	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-06 Date Collected: 10/11/18 09:00

Client ID: B-13 (5-6) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.1	0.30	1
1,2-Dichlorobenzene	ND		ug/kg	4.4	0.32	1
1,3-Dichlorobenzene	ND		ug/kg	4.4	0.33	1
1,4-Dichlorobenzene	ND		ug/kg	4.4	0.38	1
Methyl tert butyl ether	ND		ug/kg	4.4	0.44	1
p/m-Xylene	8.8		ug/kg	4.4	1.2	1
o-Xylene	2.9		ug/kg	2.2	0.64	1
Xylenes, Total	12		ug/kg	2.2	0.64	1
cis-1,2-Dichloroethene	ND		ug/kg	2.2	0.39	1
1,2-Dichloroethene, Total	ND		ug/kg	2.2	0.30	1
Dibromomethane	ND		ug/kg	4.4	0.53	1
Styrene	ND		ug/kg	2.2	0.43	1
Dichlorodifluoromethane	ND		ug/kg	22	2.0	1
Acetone	150		ug/kg	22	11.	1
Carbon disulfide	ND		ug/kg	22	10.	1
2-Butanone	ND		ug/kg	22	4.9	1
Vinyl acetate	ND		ug/kg	22	4.8	1
4-Methyl-2-pentanone	ND		ug/kg	22	2.8	1
1,2,3-Trichloropropane	ND		ug/kg	4.4	0.28	1
2-Hexanone	ND		ug/kg	22	2.6	1
Bromochloromethane	ND		ug/kg	4.4	0.45	1
2,2-Dichloropropane	ND		ug/kg	4.4	0.45	1
1,2-Dibromoethane	ND		ug/kg	2.2	0.62	1
1,3-Dichloropropane	ND		ug/kg	4.4	0.37	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.29	1
Bromobenzene	ND		ug/kg	4.4	0.32	1
n-Butylbenzene	ND		ug/kg	2.2	0.37	1
sec-Butylbenzene	ND		ug/kg	2.2	0.32	1
tert-Butylbenzene	ND		ug/kg	4.4	0.26	1
o-Chlorotoluene	ND		ug/kg	4.4	0.42	1
p-Chlorotoluene	ND		ug/kg	4.4	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	2.2	1
Hexachlorobutadiene	ND		ug/kg	8.9	0.37	1
Isopropylbenzene	ND		ug/kg	2.2	0.24	1
p-Isopropyltoluene	ND		ug/kg	2.2	0.24	1
Naphthalene	ND		ug/kg	8.9	1.4	1
Acrylonitrile	ND		ug/kg	8.9	2.6	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-06 Date Collected: 10/11/18 09:00

Client ID: B-13 (5-6) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.2	0.38	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.4	0.71	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.4	0.60	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.4	0.43	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.4	0.74	1
1,4-Dioxane	ND		ug/kg	220	78.	1
p-Diethylbenzene	ND		ug/kg	4.4	0.39	1
p-Ethyltoluene	ND		ug/kg	4.4	0.85	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.4	0.42	1
Ethyl ether	ND		ug/kg	4.4	0.76	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	11	3.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**146**	Q	70-130
Toluene-d8	**132**	Q	70-130
4-Bromofluorobenzene	**133**	Q	70-130
Dibromofluoromethane	**139**	Q	70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-06 R
Client ID: B-13 (5-6)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 09:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/18 09:45
Analyst: MV
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	5.2	1
1,1-Dichloroethane	2.0	J	ug/kg	2.3	0.33	1
Chloroform	0.45	J	ug/kg	3.4	0.32	1
Carbon tetrachloride	ND		ug/kg	2.3	0.52	1
1,2-Dichloropropane	ND		ug/kg	2.3	0.28	1
Dibromochloromethane	ND		ug/kg	2.3	0.32	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	0.61	1
Tetrachloroethene	ND		ug/kg	1.1	0.45	1
Chlorobenzene	ND		ug/kg	1.1	0.29	1
Trichlorofluoromethane	ND		ug/kg	9.1	1.6	1
1,2-Dichloroethane	ND		ug/kg	2.3	0.58	1
1,1,1-Trichloroethane	2.5		ug/kg	1.1	0.38	1
Bromodichloromethane	ND		ug/kg	1.1	0.25	1
trans-1,3-Dichloropropene	ND		ug/kg	2.3	0.62	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.36	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.36	1
1,1-Dichloropropene	ND		ug/kg	1.1	0.36	1
Bromoform	ND		ug/kg	9.1	0.56	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.38	1
Benzene	ND		ug/kg	1.1	0.38	1
Toluene	ND		ug/kg	2.3	1.2	1
Ethylbenzene	ND		ug/kg	2.3	0.32	1
Chloromethane	ND		ug/kg	9.1	2.1	1
Bromomethane	ND		ug/kg	4.6	1.3	1
Vinyl chloride	5.1		ug/kg	2.3	0.76	1
Chloroethane	ND		ug/kg	4.6	1.0	1
1,1-Dichloroethene	ND		ug/kg	2.3	0.54	1
trans-1,2-Dichloroethene	ND		ug/kg	3.4	0.31	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-06 R
Client ID: B-13 (5-6)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 09:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	0.71	J	ug/kg	1.1	0.31	1
1,2-Dichlorobenzene	ND		ug/kg	4.6	0.33	1
1,3-Dichlorobenzene	ND		ug/kg	4.6	0.34	1
1,4-Dichlorobenzene	ND		ug/kg	4.6	0.39	1
Methyl tert butyl ether	ND		ug/kg	4.6	0.46	1
p/m-Xylene	ND		ug/kg	4.6	1.3	1
o-Xylene	ND		ug/kg	2.3	0.66	1
Xylenes, Total	ND		ug/kg	2.3	0.66	1
cis-1,2-Dichloroethene	6.8		ug/kg	2.3	0.40	1
1,2-Dichloroethene, Total	6.8		ug/kg	2.3	0.31	1
Dibromomethane	ND		ug/kg	4.6	0.54	1
Styrene	ND		ug/kg	2.3	0.45	1
Dichlorodifluoromethane	ND		ug/kg	23	2.1	1
Acetone	65		ug/kg	23	11.	1
Carbon disulfide	ND		ug/kg	23	10.	1
2-Butanone	ND		ug/kg	23	5.0	1
Vinyl acetate	ND		ug/kg	23	4.9	1
4-Methyl-2-pentanone	ND		ug/kg	23	2.9	1
1,2,3-Trichloropropane	ND		ug/kg	4.6	0.29	1
2-Hexanone	ND		ug/kg	23	2.7	1
Bromochloromethane	ND		ug/kg	4.6	0.47	1
2,2-Dichloropropane	ND		ug/kg	4.6	0.46	1
1,2-Dibromoethane	ND		ug/kg	2.3	0.64	1
1,3-Dichloropropane	ND		ug/kg	4.6	0.38	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.30	1
Bromobenzene	ND		ug/kg	4.6	0.33	1
n-Butylbenzene	ND		ug/kg	2.3	0.38	1
sec-Butylbenzene	ND		ug/kg	2.3	0.33	1
tert-Butylbenzene	ND		ug/kg	4.6	0.27	1
o-Chlorotoluene	ND		ug/kg	4.6	0.43	1
p-Chlorotoluene	ND		ug/kg	4.6	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	2.3	1
Hexachlorobutadiene	ND		ug/kg	9.1	0.38	1
Isopropylbenzene	ND		ug/kg	2.3	0.25	1
p-Isopropyltoluene	ND		ug/kg	2.3	0.25	1
Naphthalene	ND		ug/kg	9.1	1.5	1
Acrylonitrile	ND		ug/kg	9.1	2.6	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-06 R
Client ID: B-13 (5-6)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 09:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.3	0.39	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.6	0.73	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.6	0.62	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.6	0.44	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.6	0.76	1
1,4-Dioxane	ND		ug/kg	230	80.	1
p-Diethylbenzene	ND		ug/kg	4.6	0.40	1
p-Ethyltoluene	ND		ug/kg	4.6	0.87	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.6	0.43	1
Ethyl ether	ND		ug/kg	4.6	0.78	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	11	3.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	120		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	104		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-07
Client ID: B-11 (5-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 09:50
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/19/18 17:56
Analyst: KJD
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	310	140	1
1,1-Dichloroethane	ND		ug/kg	62	9.0	1
Chloroform	ND		ug/kg	94	8.7	1
Carbon tetrachloride	ND		ug/kg	62	14.	1
1,2-Dichloropropane	ND		ug/kg	62	7.8	1
Dibromochloromethane	ND		ug/kg	62	8.7	1
1,1,2-Trichloroethane	ND		ug/kg	62	17.	1
Tetrachloroethene	ND		ug/kg	31	12.	1
Chlorobenzene	ND		ug/kg	31	7.9	1
Trichlorofluoromethane	ND		ug/kg	250	43.	1
1,2-Dichloroethane	ND		ug/kg	62	16.	1
1,1,1-Trichloroethane	ND		ug/kg	31	10.	1
Bromodichloromethane	ND		ug/kg	31	6.8	1
trans-1,3-Dichloropropene	ND		ug/kg	62	17.	1
cis-1,3-Dichloropropene	ND		ug/kg	31	9.9	1
1,3-Dichloropropene, Total	ND		ug/kg	31	9.9	1
1,1-Dichloropropene	ND		ug/kg	31	9.9	1
Bromoform	ND		ug/kg	250	15.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	31	10.	1
Benzene	360		ug/kg	31	10.	1
Toluene	79		ug/kg	62	34.	1
Ethylbenzene	46	J	ug/kg	62	8.8	1
Chloromethane	ND		ug/kg	250	58.	1
Bromomethane	ND		ug/kg	120	36.	1
Vinyl chloride	ND		ug/kg	62	21.	1
Chloroethane	ND		ug/kg	120	28.	1
1,1-Dichloroethene	ND		ug/kg	62	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	94	8.6	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-07 Date Collected: 10/11/18 09:50

Client ID: B-11 (5-7) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	31	8.6	1
1,2-Dichlorobenzene	ND		ug/kg	120	9.0	1
1,3-Dichlorobenzene	ND		ug/kg	120	9.2	1
1,4-Dichlorobenzene	ND		ug/kg	120	11.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	60	J	ug/kg	120	35.	1
o-Xylene	21	J	ug/kg	62	18.	1
Xylenes, Total	81	J	ug/kg	62	18.	1
cis-1,2-Dichloroethene	ND		ug/kg	62	11.	1
1,2-Dichloroethene, Total	ND		ug/kg	62	8.6	1
Dibromomethane	ND		ug/kg	120	15.	1
Styrene	ND		ug/kg	62	12.	1
Dichlorodifluoromethane	ND		ug/kg	620	57.	1
Acetone	ND		ug/kg	620	300	1
Carbon disulfide	ND		ug/kg	620	280	1
2-Butanone	ND		ug/kg	620	140	1
Vinyl acetate	ND		ug/kg	620	130	1
4-Methyl-2-pentanone	ND		ug/kg	620	80.	1
1,2,3-Trichloropropane	ND		ug/kg	120	7.9	1
2-Hexanone	ND		ug/kg	620	74.	1
Bromochloromethane	ND		ug/kg	120	13.	1
2,2-Dichloropropane	ND		ug/kg	120	13.	1
1,2-Dibromoethane	ND		ug/kg	62	17.	1
1,3-Dichloropropane	ND		ug/kg	120	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	31	8.2	1
Bromobenzene	ND		ug/kg	120	9.0	1
n-Butylbenzene	ND		ug/kg	62	10.	1
sec-Butylbenzene	ND		ug/kg	62	9.1	1
tert-Butylbenzene	ND		ug/kg	120	7.4	1
o-Chlorotoluene	ND		ug/kg	120	12.	1
p-Chlorotoluene	ND		ug/kg	120	6.7	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	190	62.	1
Hexachlorobutadiene	ND		ug/kg	250	10.	1
Isopropylbenzene	ND		ug/kg	62	6.8	1
p-Isopropyltoluene	ND		ug/kg	62	6.8	1
Naphthalene	460		ug/kg	250	41.	1
Acrylonitrile	ND		ug/kg	250	72.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-07 Date Collected: 10/11/18 09:50

Client ID: B-11 (5-7) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	62	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	17.	1
1,3,5-Trimethylbenzene	ND		ug/kg	120	12.	1
1,2,4-Trimethylbenzene	ND		ug/kg	120	21.	1
1,4-Dioxane	ND		ug/kg	6200	2200	1
p-Diethylbenzene	ND		ug/kg	120	11.	1
p-Ethyltoluene	ND		ug/kg	120	24.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	120	12.	1
Ethyl ether	ND		ug/kg	120	21.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	310	89.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	109		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-08
Client ID: B-14 (6-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 10:45
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/18 10:39
Analyst: JC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - 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
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	0.31	J	ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	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
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	0.84	J	ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-08 Date Collected: 10/11/18 10:45

Client ID: B-14 (6-7) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
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
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	0.56	J	ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	0.56	J	ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	120		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	17		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	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
o-Chlorotoluene	ND		ug/kg	2.2	0.22	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-08 Date Collected: 10/11/18 10:45

Client ID: B-14 (6-7) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.31	1
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	110	40.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.22	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	95		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-09 Date Collected: 10/11/18 11:15
Client ID: B-12 (5-7) Date Received: 10/11/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/19/18 18:23
Analyst: KJD
Percent Solids: 46%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	990	450	1
1,1-Dichloroethane	ND		ug/kg	200	29.	1
Chloroform	ND		ug/kg	300	28.	1
Carbon tetrachloride	ND		ug/kg	200	45.	1
1,2-Dichloropropane	ND		ug/kg	200	25.	1
Dibromochloromethane	ND		ug/kg	200	28.	1
1,1,2-Trichloroethane	ND		ug/kg	200	53.	1
Tetrachloroethene	ND		ug/kg	99	39.	1
Chlorobenzene	ND		ug/kg	99	25.	1
Trichlorofluoromethane	ND		ug/kg	790	140	1
1,2-Dichloroethane	ND		ug/kg	200	51.	1
1,1,1-Trichloroethane	ND		ug/kg	99	33.	1
Bromodichloromethane	ND		ug/kg	99	22.	1
trans-1,3-Dichloropropene	ND		ug/kg	200	54.	1
cis-1,3-Dichloropropene	ND		ug/kg	99	31.	1
1,3-Dichloropropene, Total	ND		ug/kg	99	31.	1
1,1-Dichloropropene	ND		ug/kg	99	31.	1
Bromoform	ND		ug/kg	790	48.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	99	33.	1
Benzene	1100		ug/kg	99	33.	1
Toluene	320		ug/kg	200	110	1
Ethylbenzene	38	J	ug/kg	200	28.	1
Chloromethane	ND		ug/kg	790	180	1
Bromomethane	ND		ug/kg	390	110	1
Vinyl chloride	ND		ug/kg	200	66.	1
Chloroethane	ND		ug/kg	390	89.	1
1,1-Dichloroethene	ND		ug/kg	200	47.	1
trans-1,2-Dichloroethene	ND		ug/kg	300	27.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-09 Date Collected: 10/11/18 11:15

Client ID: B-12 (5-7) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	99	27.	1
1,2-Dichlorobenzene	ND		ug/kg	390	28.	1
1,3-Dichlorobenzene	ND		ug/kg	390	29.	1
1,4-Dichlorobenzene	ND		ug/kg	390	34.	1
Methyl tert butyl ether	ND		ug/kg	390	40.	1
p/m-Xylene	ND		ug/kg	390	110	1
o-Xylene	75	J	ug/kg	200	57.	1
Xylenes, Total	75	J	ug/kg	200	57.	1
cis-1,2-Dichloroethene	260		ug/kg	200	34.	1
1,2-Dichloroethene, Total	260		ug/kg	200	27.	1
Dibromomethane	ND		ug/kg	390	47.	1
Styrene	ND		ug/kg	200	39.	1
Dichlorodifluoromethane	ND		ug/kg	2000	180	1
Acetone	ND		ug/kg	2000	950	1
Carbon disulfide	ND		ug/kg	2000	900	1
2-Butanone	ND		ug/kg	2000	440	1
Vinyl acetate	ND		ug/kg	2000	420	1
4-Methyl-2-pentanone	ND		ug/kg	2000	250	1
1,2,3-Trichloropropane	ND		ug/kg	390	25.	1
2-Hexanone	ND		ug/kg	2000	230	1
Bromochloromethane	ND		ug/kg	390	40.	1
2,2-Dichloropropane	ND		ug/kg	390	40.	1
1,2-Dibromoethane	ND		ug/kg	200	55.	1
1,3-Dichloropropane	ND		ug/kg	390	33.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	99	26.	1
Bromobenzene	ND		ug/kg	390	29.	1
n-Butylbenzene	ND		ug/kg	200	33.	1
sec-Butylbenzene	ND		ug/kg	200	29.	1
tert-Butylbenzene	ND		ug/kg	390	23.	1
o-Chlorotoluene	ND		ug/kg	390	38.	1
p-Chlorotoluene	ND		ug/kg	390	21.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	590	200	1
Hexachlorobutadiene	ND		ug/kg	790	33.	1
Isopropylbenzene	ND		ug/kg	200	22.	1
p-Isopropyltoluene	ND		ug/kg	200	22.	1
Naphthalene	150	J	ug/kg	790	130	1
Acrylonitrile	ND		ug/kg	790	230	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-09 Date Collected: 10/11/18 11:15

Client ID: B-12 (5-7) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	200	34.	1
1,2,3-Trichlorobenzene	ND		ug/kg	390	64.	1
1,2,4-Trichlorobenzene	ND		ug/kg	390	54.	1
1,3,5-Trimethylbenzene	ND		ug/kg	390	38.	1
1,2,4-Trimethylbenzene	66	J	ug/kg	390	66.	1
1,4-Dioxane	ND		ug/kg	20000	6900	1
p-Diethylbenzene	ND		ug/kg	390	35.	1
p-Ethyltoluene	ND		ug/kg	390	76.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	390	38.	1
Ethyl ether	ND		ug/kg	390	67.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	990	280	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	108		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-10 Date Collected: 10/11/18 00:00
Client ID: SS-DUP-1 Date Received: 10/11/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/19/18 18:48
Analyst: KJD
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	300	140	1
1,1-Dichloroethane	ND		ug/kg	61	8.8	1
Chloroform	ND		ug/kg	92	8.6	1
Carbon tetrachloride	ND		ug/kg	61	14.	1
1,2-Dichloropropane	ND		ug/kg	61	7.6	1
Dibromochloromethane	ND		ug/kg	61	8.6	1
1,1,2-Trichloroethane	ND		ug/kg	61	16.	1
Tetrachloroethene	ND		ug/kg	30	12.	1
Chlorobenzene	ND		ug/kg	30	7.8	1
Trichlorofluoromethane	ND		ug/kg	240	42.	1
1,2-Dichloroethane	ND		ug/kg	61	16.	1
1,1,1-Trichloroethane	ND		ug/kg	30	10.	1
Bromodichloromethane	ND		ug/kg	30	6.6	1
trans-1,3-Dichloropropene	ND		ug/kg	61	17.	1
cis-1,3-Dichloropropene	ND		ug/kg	30	9.6	1
1,3-Dichloropropene, Total	ND		ug/kg	30	9.6	1
1,1-Dichloropropene	ND		ug/kg	30	9.7	1
Bromoform	ND		ug/kg	240	15.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	30	10.	1
Benzene	83		ug/kg	30	10.	1
Toluene	48	J	ug/kg	61	33.	1
Ethylbenzene	16	J	ug/kg	61	8.6	1
Chloromethane	ND		ug/kg	240	57.	1
Bromomethane	ND		ug/kg	120	35.	1
Vinyl chloride	ND		ug/kg	61	20.	1
Chloroethane	ND		ug/kg	120	28.	1
1,1-Dichloroethene	ND		ug/kg	61	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	92	8.4	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-10 Date Collected: 10/11/18 00:00

Client ID: SS-DUP-1 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	30	8.4	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.8	1
1,3-Dichlorobenzene	ND		ug/kg	120	9.0	1
1,4-Dichlorobenzene	ND		ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	38	J	ug/kg	120	34.	1
o-Xylene	ND		ug/kg	61	18.	1
Xylenes, Total	38	J	ug/kg	61	18.	1
cis-1,2-Dichloroethene	25	J	ug/kg	61	11.	1
1,2-Dichloroethene, Total	25	J	ug/kg	61	8.4	1
Dibromomethane	ND		ug/kg	120	14.	1
Styrene	ND		ug/kg	61	12.	1
Dichlorodifluoromethane	ND		ug/kg	610	56.	1
Acetone	ND		ug/kg	610	290	1
Carbon disulfide	ND		ug/kg	610	280	1
2-Butanone	ND		ug/kg	610	140	1
Vinyl acetate	ND		ug/kg	610	130	1
4-Methyl-2-pentanone	ND		ug/kg	610	78.	1
1,2,3-Trichloropropane	ND		ug/kg	120	7.8	1
2-Hexanone	ND		ug/kg	610	72.	1
Bromochloromethane	ND		ug/kg	120	12.	1
2,2-Dichloropropane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	61	17.	1
1,3-Dichloropropane	ND		ug/kg	120	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	30	8.1	1
Bromobenzene	ND		ug/kg	120	8.8	1
n-Butylbenzene	ND		ug/kg	61	10.	1
sec-Butylbenzene	ND		ug/kg	61	8.9	1
tert-Butylbenzene	ND		ug/kg	120	7.2	1
o-Chlorotoluene	ND		ug/kg	120	12.	1
p-Chlorotoluene	ND		ug/kg	120	6.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	61.	1
Hexachlorobutadiene	ND		ug/kg	240	10.	1
Isopropylbenzene	ND		ug/kg	61	6.6	1
p-Isopropyltoluene	ND		ug/kg	61	6.6	1
Naphthalene	150	J	ug/kg	240	40.	1
Acrylonitrile	ND		ug/kg	240	70.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-10 Date Collected: 10/11/18 00:00

Client ID: SS-DUP-1 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	61	10.	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	17.	1
1,3,5-Trimethylbenzene	13	J	ug/kg	120	12.	1
1,2,4-Trimethylbenzene	ND		ug/kg	120	20.	1
1,4-Dioxane	ND		ug/kg	6100	2100	1
p-Diethylbenzene	ND		ug/kg	120	11.	1
p-Ethyltoluene	ND		ug/kg	120	23.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	120	12.	1
Ethyl ether	ND		ug/kg	120	21.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	300	87.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	105		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-11 Date Collected: 10/11/18 13:45
Client ID: SD-1 Date Received: 10/11/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/22/18 10:12
Analyst: MV
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.8	3.6	1
1,1-Dichloroethane	0.22	J	ug/kg	1.6	0.22	1
Chloroform	0.26	J	ug/kg	2.3	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.19	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	0.78	0.30	1
Chlorobenzene	ND		ug/kg	0.78	0.20	1
Trichlorofluoromethane	450		ug/kg	6.2	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.40	1
1,1,1-Trichloroethane	0.82		ug/kg	0.78	0.26	1
Bromodichloromethane	ND		ug/kg	0.78	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.42	1
cis-1,3-Dichloropropene	ND		ug/kg	0.78	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.78	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.78	0.25	1
Bromoform	ND		ug/kg	6.2	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.78	0.26	1
Benzene	ND		ug/kg	0.78	0.26	1
Toluene	ND		ug/kg	1.6	0.84	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.2	1.4	1
Bromomethane	ND		ug/kg	3.1	0.90	1
Vinyl chloride	0.87	J	ug/kg	1.6	0.52	1
Chloroethane	ND		ug/kg	3.1	0.70	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-11 Date Collected: 10/11/18 13:45

Client ID: SD-1 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	2.6		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
Xylenes, Total	ND		ug/kg	1.6	0.45	1
cis-1,2-Dichloroethene	9.1		ug/kg	1.6	0.27	1
1,2-Dichloroethene, Total	9.1		ug/kg	1.6	0.21	1
Dibromomethane	ND		ug/kg	3.1	0.37	1
Styrene	ND		ug/kg	1.6	0.30	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	68		ug/kg	16	7.5	1
Carbon disulfide	ND		ug/kg	16	7.1	1
2-Butanone	ND		ug/kg	16	3.4	1
Vinyl acetate	ND		ug/kg	16	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.1	0.20	1
2-Hexanone	ND		ug/kg	16	1.8	1
Bromochloromethane	ND		ug/kg	3.1	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.1	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.43	1
1,3-Dichloropropane	ND		ug/kg	3.1	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.78	0.20	1
Bromobenzene	ND		ug/kg	3.1	0.22	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
o-Chlorotoluene	ND		ug/kg	3.1	0.30	1
p-Chlorotoluene	ND		ug/kg	3.1	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.2	0.26	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.2	1.0	1
Acrylonitrile	ND		ug/kg	6.2	1.8	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-11 Date Collected: 10/11/18 13:45

Client ID: SD-1 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.1	0.50	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.1	0.42	1
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	160	55.	1
p-Diethylbenzene	ND		ug/kg	3.1	0.28	1
p-Ethyltoluene	ND		ug/kg	3.1	0.60	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.1	0.30	1
Ethyl ether	ND		ug/kg	3.1	0.53	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.8	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	93		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-12 D
Client ID: SD-2
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 14:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/19/18 19:40
Analyst: KJD
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	62000	28000	200
1,1-Dichloroethane	10000	J	ug/kg	12000	1800	200
Chloroform	ND		ug/kg	18000	1700	200
Carbon tetrachloride	ND		ug/kg	12000	2800	200
1,2-Dichloropropane	ND		ug/kg	12000	1500	200
Dibromochloromethane	ND		ug/kg	12000	1700	200
1,1,2-Trichloroethane	ND		ug/kg	12000	3300	200
Tetrachloroethene	14000		ug/kg	6200	2400	200
Chlorobenzene	ND		ug/kg	6200	1600	200
Trichlorofluoromethane	ND		ug/kg	49000	8600	200
1,2-Dichloroethane	ND		ug/kg	12000	3200	200
1,1,1-Trichloroethane	300000		ug/kg	6200	2000	200
Bromodichloromethane	ND		ug/kg	6200	1300	200
trans-1,3-Dichloropropene	ND		ug/kg	12000	3400	200
cis-1,3-Dichloropropene	ND		ug/kg	6200	1900	200
1,3-Dichloropropene, Total	ND		ug/kg	6200	1900	200
1,1-Dichloropropene	ND		ug/kg	6200	2000	200
Bromoform	ND		ug/kg	49000	3000	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	6200	2000	200
Benzene	ND		ug/kg	6200	2000	200
Toluene	ND		ug/kg	12000	6700	200
Ethylbenzene	ND		ug/kg	12000	1700	200
Chloromethane	ND		ug/kg	49000	11000	200
Bromomethane	ND		ug/kg	25000	7200	200
Vinyl chloride	12000		ug/kg	12000	4100	200
Chloroethane	ND		ug/kg	25000	5600	200
1,1-Dichloroethene	ND		ug/kg	12000	2900	200
trans-1,2-Dichloroethene	ND		ug/kg	18000	1700	200

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-12 D Date Collected: 10/11/18 14:00

Client ID: SD-2 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	2400000		ug/kg	6200	1700	200
1,2-Dichlorobenzene	ND		ug/kg	25000	1800	200
1,3-Dichlorobenzene	ND		ug/kg	25000	1800	200
1,4-Dichlorobenzene	ND		ug/kg	25000	2100	200
Methyl tert butyl ether	ND		ug/kg	25000	2500	200
p/m-Xylene	ND		ug/kg	25000	6900	200
o-Xylene	ND		ug/kg	12000	3600	200
Xylenes, Total	ND		ug/kg	12000	3600	200
cis-1,2-Dichloroethene	490000		ug/kg	12000	2200	200
1,2-Dichloroethene, Total	490000		ug/kg	12000	1700	200
Dibromomethane	ND		ug/kg	25000	2900	200
Styrene	ND		ug/kg	12000	2400	200
Dichlorodifluoromethane	ND		ug/kg	120000	11000	200
Acetone	ND		ug/kg	120000	59000	200
Carbon disulfide	ND		ug/kg	120000	56000	200
2-Butanone	ND		ug/kg	120000	27000	200
Vinyl acetate	ND		ug/kg	120000	26000	200
4-Methyl-2-pentanone	ND		ug/kg	120000	16000	200
1,2,3-Trichloropropane	ND		ug/kg	25000	1600	200
2-Hexanone	ND		ug/kg	120000	14000	200
Bromochloromethane	ND		ug/kg	25000	2500	200
2,2-Dichloropropane	ND		ug/kg	25000	2500	200
1,2-Dibromoethane	ND		ug/kg	12000	3400	200
1,3-Dichloropropane	ND		ug/kg	25000	2000	200
1,1,1,2-Tetrachloroethane	ND		ug/kg	6200	1600	200
Bromobenzene	ND		ug/kg	25000	1800	200
n-Butylbenzene	ND		ug/kg	12000	2000	200
sec-Butylbenzene	ND		ug/kg	12000	1800	200
tert-Butylbenzene	ND		ug/kg	25000	1400	200
o-Chlorotoluene	ND		ug/kg	25000	2400	200
p-Chlorotoluene	ND		ug/kg	25000	1300	200
1,2-Dibromo-3-chloropropane	ND		ug/kg	37000	12000	200
Hexachlorobutadiene	ND		ug/kg	49000	2100	200
Isopropylbenzene	ND		ug/kg	12000	1300	200
p-Isopropyltoluene	ND		ug/kg	12000	1300	200
Naphthalene	ND		ug/kg	49000	8000	200
Acrylonitrile	ND		ug/kg	49000	14000	200

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-12 D Date Collected: 10/11/18 14:00

Client ID: SD-2 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	12000	2100	200
1,2,3-Trichlorobenzene	ND		ug/kg	25000	4000	200
1,2,4-Trichlorobenzene	ND		ug/kg	25000	3400	200
1,3,5-Trimethylbenzene	ND		ug/kg	25000	2400	200
1,2,4-Trimethylbenzene	ND		ug/kg	25000	4100	200
1,4-Dioxane	ND		ug/kg	1200000	430000	200
p-Diethylbenzene	ND		ug/kg	25000	2200	200
p-Ethyltoluene	ND		ug/kg	25000	4700	200
1,2,4,5-Tetramethylbenzene	ND		ug/kg	25000	2400	200
Ethyl ether	ND		ug/kg	25000	4200	200
trans-1,4-Dichloro-2-butene	ND		ug/kg	62000	17000	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	110		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-13 Date Collected: 10/11/18 13:00
Client ID: FIELD BLANK Date Received: 10/11/18
Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8260C
Analytical Date: 10/18/18 15:21
Analyst: PK

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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-13 Date Collected: 10/11/18 13:00

Client ID: FIELD BLANK Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-13 Date Collected: 10/11/18 13:00

Client ID: FIELD BLANK Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	89		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	94		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-14 Date Collected: 10/11/18 00:00

Client ID: TRIP BLANK (1) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Trip Blank (Aqueous)

Analytical Method: 1,8260C

Analytical Date: 10/18/18 15:43

Analyst: PK

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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-14 Date Collected: 10/11/18 00:00

Client ID: TRIP BLANK (1) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-14 Date Collected: 10/11/18 00:00

Client ID: TRIP BLANK (1) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	92		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	96		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-15 Date Collected: 10/11/18 00:00

Client ID: TRIP BLANK (2) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Trip Blank (Aqueous)

Analytical Method: 1,8260C

Analytical Date: 10/18/18 16:06

Analyst: PK

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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-15 Date Collected: 10/11/18 00:00

Client ID: TRIP BLANK (2) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	2.2	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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-15 Date Collected: 10/11/18 00:00

Client ID: TRIP BLANK (2) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	92		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-16 Date Collected: 10/11/18 00:00

Client ID: TRIP BLANK (3) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Trip Blank (Aqueous)

Analytical Method: 1,8260C

Analytical Date: 10/18/18 16:28

Analyst: PK

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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-16 Date Collected: 10/11/18 00:00

Client ID: TRIP BLANK (3) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	3.1	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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-16 Date Collected: 10/11/18 00:00

Client ID: TRIP BLANK (3) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	98		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/18/18 10:13
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1169707-5					
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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/18/18 10:13
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1169707-5					
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	ND		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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/18/18 10:13
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1169707-5					
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	108		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	106		70-130

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/18/18 10:05
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13-16 Batch: WG1169741-5					
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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/18/18 10:05
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13-16 Batch: WG1169741-5					
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	ND		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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/18/18 10:05
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13-16 Batch: WG1169741-5					
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	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	101		70-130

Project Name: ALEXANDER ST.
Project Number: 25720.01
Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/19/18 16:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06 Batch: WG1170673-5					
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
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	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
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
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

Project Name: ALEXANDER ST.
Project Number: 25720.01
Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/19/18 16:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06 Batch: WG1170673-5					
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
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
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
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/19/18 16:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06 Batch: WG1170673-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	100	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: ALEXANDER ST.
Project Number: 25720.01
Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/19/18 16:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07,09-10,12 Batch: WG1170674-5					
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.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/19/18 16:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07,09-10,12 Batch: WG1170674-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		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
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/19/18 16:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07,09-10,12 Batch: WG1170674-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	5000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: ALEXANDER ST.
Project Number: 25720.01
Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/22/18 09:18
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06,08,11 Batch: WG1170842-5					
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
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	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
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
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

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/22/18 09:18
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06,08,11 Batch: WG1170842-5					
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
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
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
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/22/18 09:18
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06,08,11 Batch: WG1170842-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	100	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	92		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1169707-3 WG1169707-4								
Methylene chloride	93		90		70-130	3		20
1,1-Dichloroethane	97		96		70-130	1		20
Chloroform	100		99		70-130	1		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	89		89		70-130	0		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	92		97		70-130	5		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	98		99		75-130	1		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	97		96		67-130	1		20
trans-1,3-Dichloropropene	96		97		70-130	1		20
cis-1,3-Dichloropropene	88		88		70-130	0		20
1,1-Dichloropropene	96		94		70-130	2		20
Bromoform	99		100		54-136	1		20
1,1,2,2-Tetrachloroethane	87		92		67-130	6		20
Benzene	80		80		70-130	0		20
Toluene	97		99		70-130	2		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	80		80		64-130	0		20
Bromomethane	82		69		39-139	17		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1169707-3 WG1169707-4								
Vinyl chloride	98		96		55-140	2		20
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	98		94		61-145	4		20
trans-1,2-Dichloroethene	99		96		70-130	3		20
Trichloroethene	95		92		70-130	3		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	89		94		63-130	5		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	98		95		70-130	3		20
Dibromomethane	91		92		70-130	1		20
1,2,3-Trichloropropane	93		94		64-130	1		20
Acrylonitrile	91		90		70-130	1		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	90		89		36-147	1		20
Acetone	120		90		58-148	**29**	Q	20
Carbon disulfide	98		93		51-130	5		20
2-Butanone	87		84		63-138	4		20
Vinyl acetate	80		85		70-130	6		20
4-Methyl-2-pentanone	78		80		59-130	3		20
2-Hexanone	76		83		57-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1169707-3 WG1169707-4								
Bromochloromethane	100		99		70-130	1		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	96		96		70-130	0		20
1,3-Dichloropropane	93		96		70-130	3		20
1,1,1,2-Tetrachloroethane	110		110		64-130	0		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	120		120		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	79		86		41-144	8		20
Hexachlorobutadiene	100		94		63-130	6		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	110		100		70-130	10		20
Naphthalene	87		92		70-130	6		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	97		98		70-130	1		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	100		110		64-130	10		20
1,2,4-Trimethylbenzene	120		120		70-130	0		20
1,4-Dioxane	112		92		56-162	20		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1169707-3 WG1169707-4								
p-Ethyltoluene	110		100		70-130	10		20
1,2,4,5-Tetramethylbenzene	100		99		70-130	1		20
Ethyl ether	92		91		59-134	1		20
trans-1,4-Dichloro-2-butene	**51**	Q	**55**	Q	70-130	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		105		70-130
Toluene-d8	101		103		70-130
4-Bromofluorobenzene	101		99		70-130
Dibromofluoromethane	106		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-16 Batch: WG1169741-3 WG1169741-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	120		110		63-132	9		20
1,2-Dichloropropane	100		99		70-130	1		20
Dibromochloromethane	110		100		63-130	10		20
1,1,2-Trichloroethane	100		98		70-130	2		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	110		100		62-150	10		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	110		100		70-130	10		20
1,1-Dichloropropene	110		100		70-130	10		20
Bromoform	100		97		54-136	3		20
1,1,2,2-Tetrachloroethane	99		90		67-130	10		20
Benzene	110		100		70-130	10		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	120		110		64-130	9		20
Bromomethane	98		93		39-139	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-16 Batch: WG1169741-3 WG1169741-4								
Vinyl chloride	95		91		55-140	4		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	110		100		70-130	10		20
1,2-Dichlorobenzene	110		100		70-130	10		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	99		97		63-130	2		20
p/m-Xylene	115		105		70-130	9		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	100		94		64-130	6		20
Acrylonitrile	94		97		70-130	3		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	110		100		36-147	10		20
Acetone	98		94		58-148	4		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	91		88		63-138	3		20
Vinyl acetate	98		98		70-130	0		20
4-Methyl-2-pentanone	93		92		59-130	1		20
2-Hexanone	93		88		57-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-16 Batch: WG1169741-3 WG1169741-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	110		100		64-130	10		20
Bromobenzene	110		100		70-130	10		20
n-Butylbenzene	120		110		53-136	9		20
sec-Butylbenzene	120		110		70-130	9		20
tert-Butylbenzene	98		88		70-130	11		20
o-Chlorotoluene	110		100		70-130	10		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	89		85		41-144	5		20
Hexachlorobutadiene	120		110		63-130	9		20
Isopropylbenzene	110		100		70-130	10		20
p-Isopropyltoluene	110		100		70-130	10		20
Naphthalene	94		91		70-130	3		20
n-Propylbenzene	110		100		69-130	10		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	110		98		70-130	12		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
1,4-Dioxane	146		118		56-162	**21**	Q	20
p-Diethylbenzene	120		100		70-130	18		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-16 Batch: WG1169741-3 WG1169741-4								
p-Ethyltoluene	110		100		70-130	10		20
1,2,4,5-Tetramethylbenzene	110		100		70-130	10		20
Ethyl ether	110		100		59-134	10		20
trans-1,4-Dichloro-2-butene	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		101		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	100		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06 Batch: WG1170673-3 WG1170673-4								
Methylene chloride	101		100		70-130	1		30
1,1-Dichloroethane	111		108		70-130	3		30
Chloroform	118		116		70-130	2		30
Carbon tetrachloride	126		123		70-130	2		30
1,2-Dichloropropane	102		104		70-130	2		30
Dibromochloromethane	105		106		70-130	1		30
1,1,2-Trichloroethane	94		94		70-130	0		30
Tetrachloroethene	104		101		70-130	3		30
Chlorobenzene	98		97		70-130	1		30
Trichlorofluoromethane	137		132		70-139	4		30
1,2-Dichloroethane	125		126		70-130	1		30
1,1,1-Trichloroethane	130		127		70-130	2		30
Bromodichloromethane	125		126		70-130	1		30
trans-1,3-Dichloropropene	100		102		70-130	2		30
cis-1,3-Dichloropropene	114		114		70-130	0		30
1,1-Dichloropropene	116		114		70-130	2		30
Bromoform	102		102		70-130	0		30
1,1,2,2-Tetrachloroethane	86		88		70-130	2		30
Benzene	105		104		70-130	1		30
Toluene	94		94		70-130	0		30
Ethylbenzene	98		97		70-130	1		30
Chloromethane	112		113		52-130	1		30
Bromomethane	118		116		57-147	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06 Batch: WG1170673-3 WG1170673-4								
Vinyl chloride	117		114		67-130	3		30
Chloroethane	128		122		50-151	5		30
1,1-Dichloroethene	109		108		65-135	1		30
trans-1,2-Dichloroethene	110		108		70-130	2		30
Trichloroethene	117		113		70-130	3		30
1,2-Dichlorobenzene	97		95		70-130	2		30
1,3-Dichlorobenzene	96		95		70-130	1		30
1,4-Dichlorobenzene	94		93		70-130	1		30
Methyl tert butyl ether	113		115		66-130	2		30
p/m-Xylene	102		100		70-130	2		30
o-Xylene	103		102		70-130	1		30
cis-1,2-Dichloroethene	110		107		70-130	3		30
Dibromomethane	114		118		70-130	3		30
Styrene	96		95		70-130	1		30
Dichlorodifluoromethane	124		125		30-146	1		30
Acetone	115		118		54-140	3		30
Carbon disulfide	99		97		59-130	2		30
2-Butanone	116		120		70-130	3		30
Vinyl acetate	112		115		70-130	3		30
4-Methyl-2-pentanone	84		88		70-130	5		30
1,2,3-Trichloropropane	90		91		68-130	1		30
2-Hexanone	84		88		70-130	5		30
Bromochloromethane	116		115		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06 Batch: WG1170673-3 WG1170673-4								
2,2-Dichloropropane	123		120		70-130	2		30
1,2-Dibromoethane	100		100		70-130	0		30
1,3-Dichloropropane	93		94		69-130	1		30
1,1,1,2-Tetrachloroethane	110		108		70-130	2		30
Bromobenzene	93		94		70-130	1		30
n-Butylbenzene	97		94		70-130	3		30
sec-Butylbenzene	97		94		70-130	3		30
tert-Butylbenzene	100		96		70-130	4		30
o-Chlorotoluene	94		93		70-130	1		30
p-Chlorotoluene	94		93		70-130	1		30
1,2-Dibromo-3-chloropropane	88		87		68-130	1		30
Hexachlorobutadiene	106		102		67-130	4		30
Isopropylbenzene	95		92		70-130	3		30
p-Isopropyltoluene	100		98		70-130	2		30
Naphthalene	94		97		70-130	3		30
Acrylonitrile	110		112		70-130	2		30
n-Propylbenzene	93		90		70-130	3		30
1,2,3-Trichlorobenzene	98		98		70-130	0		30
1,2,4-Trichlorobenzene	98		96		70-130	2		30
1,3,5-Trimethylbenzene	98		96		70-130	2		30
1,2,4-Trimethylbenzene	98		97		70-130	1		30
1,4-Dioxane	131		132		65-136	1		30
p-Diethylbenzene	99		97		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06 Batch: WG1170673-3 WG1170673-4								
p-Ethyltoluene	96		95		70-130	1		30
1,2,4,5-Tetramethylbenzene	97		95		70-130	2		30
Ethyl ether	103		104		67-130	1		30
trans-1,4-Dichloro-2-butene	92		93		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	117		119		70-130
Toluene-d8	91		92		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	111		112		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07,09-10,12 Batch: WG1170674-3 WG1170674-4								
Methylene chloride	101		100		70-130	1		30
1,1-Dichloroethane	111		108		70-130	3		30
Chloroform	118		116		70-130	2		30
Carbon tetrachloride	126		123		70-130	2		30
1,2-Dichloropropane	102		104		70-130	2		30
Dibromochloromethane	105		106		70-130	1		30
1,1,2-Trichloroethane	94		94		70-130	0		30
Tetrachloroethene	104		101		70-130	3		30
Chlorobenzene	98		97		70-130	1		30
Trichlorofluoromethane	137		132		70-139	4		30
1,2-Dichloroethane	125		126		70-130	1		30
1,1,1-Trichloroethane	130		127		70-130	2		30
Bromodichloromethane	125		126		70-130	1		30
trans-1,3-Dichloropropene	100		102		70-130	2		30
cis-1,3-Dichloropropene	114		114		70-130	0		30
1,1-Dichloropropene	116		114		70-130	2		30
Bromoform	102		102		70-130	0		30
1,1,2,2-Tetrachloroethane	86		88		70-130	2		30
Benzene	105		104		70-130	1		30
Toluene	94		94		70-130	0		30
Ethylbenzene	98		97		70-130	1		30
Chloromethane	112		113		52-130	1		30
Bromomethane	118		116		57-147	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07,09-10,12 Batch: WG1170674-3 WG1170674-4								
Vinyl chloride	117		114		67-130	3		30
Chloroethane	128		122		50-151	5		30
1,1-Dichloroethene	109		108		65-135	1		30
trans-1,2-Dichloroethene	110		108		70-130	2		30
Trichloroethene	117		113		70-130	3		30
1,2-Dichlorobenzene	97		95		70-130	2		30
1,3-Dichlorobenzene	96		95		70-130	1		30
1,4-Dichlorobenzene	94		93		70-130	1		30
Methyl tert butyl ether	113		115		66-130	2		30
p/m-Xylene	102		100		70-130	2		30
o-Xylene	103		102		70-130	1		30
cis-1,2-Dichloroethene	110		107		70-130	3		30
Dibromomethane	114		118		70-130	3		30
Styrene	96		95		70-130	1		30
Dichlorodifluoromethane	124		125		30-146	1		30
Acetone	115		118		54-140	3		30
Carbon disulfide	99		97		59-130	2		30
2-Butanone	116		120		70-130	3		30
Vinyl acetate	112		115		70-130	3		30
4-Methyl-2-pentanone	84		88		70-130	5		30
1,2,3-Trichloropropane	90		91		68-130	1		30
2-Hexanone	84		88		70-130	5		30
Bromochloromethane	116		115		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07,09-10,12 Batch: WG1170674-3 WG1170674-4								
2,2-Dichloropropane	123		120		70-130	2		30
1,2-Dibromoethane	100		100		70-130	0		30
1,3-Dichloropropane	93		94		69-130	1		30
1,1,1,2-Tetrachloroethane	110		108		70-130	2		30
Bromobenzene	93		94		70-130	1		30
n-Butylbenzene	97		94		70-130	3		30
sec-Butylbenzene	97		94		70-130	3		30
tert-Butylbenzene	100		96		70-130	4		30
o-Chlorotoluene	94		93		70-130	1		30
p-Chlorotoluene	94		93		70-130	1		30
1,2-Dibromo-3-chloropropane	88		87		68-130	1		30
Hexachlorobutadiene	106		102		67-130	4		30
Isopropylbenzene	95		92		70-130	3		30
p-Isopropyltoluene	100		98		70-130	2		30
Naphthalene	94		97		70-130	3		30
Acrylonitrile	110		112		70-130	2		30
n-Propylbenzene	93		90		70-130	3		30
1,2,3-Trichlorobenzene	98		98		70-130	0		30
1,2,4-Trichlorobenzene	98		96		70-130	2		30
1,3,5-Trimethylbenzene	98		96		70-130	2		30
1,2,4-Trimethylbenzene	98		97		70-130	1		30
1,4-Dioxane	131		132		65-136	1		30
p-Diethylbenzene	99		97		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07,09-10,12 Batch: WG1170674-3 WG1170674-4								
p-Ethyltoluene	96		95		70-130	1		30
1,2,4,5-Tetramethylbenzene	97		95		70-130	2		30
Ethyl ether	103		104		67-130	1		30
trans-1,4-Dichloro-2-butene	92		93		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	117		119		70-130
Toluene-d8	91		92		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	111		112		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06,08,11 Batch: WG1170842-3 WG1170842-4								
Methylene chloride	89		88		70-130	1		30
1,1-Dichloroethane	94		94		70-130	0		30
Chloroform	96		96		70-130	0		30
Carbon tetrachloride	96		94		70-130	2		30
1,2-Dichloropropane	97		97		70-130	0		30
Dibromochloromethane	97		99		70-130	2		30
1,1,2-Trichloroethane	100		101		70-130	1		30
Tetrachloroethene	102		102		70-130	0		30
Chlorobenzene	97		97		70-130	0		30
Trichlorofluoromethane	93		93		70-139	0		30
1,2-Dichloroethane	88		89		70-130	1		30
1,1,1-Trichloroethane	97		96		70-130	1		30
Bromodichloromethane	99		100		70-130	1		30
trans-1,3-Dichloropropene	100		101		70-130	1		30
cis-1,3-Dichloropropene	104		104		70-130	0		30
1,1-Dichloropropene	99		97		70-130	2		30
Bromoform	99		102		70-130	3		30
1,1,2,2-Tetrachloroethane	97		100		70-130	3		30
Benzene	99		99		70-130	0		30
Toluene	97		97		70-130	0		30
Ethylbenzene	97		97		70-130	0		30
Chloromethane	97		95		52-130	2		30
Bromomethane	94		89		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06,08,11 Batch: WG1170842-3 WG1170842-4								
Vinyl chloride	99		97		67-130	2		30
Chloroethane	88		87		50-151	1		30
1,1-Dichloroethene	96		95		65-135	1		30
trans-1,2-Dichloroethene	100		100		70-130	0		30
Trichloroethene	101		99		70-130	2		30
1,2-Dichlorobenzene	99		99		70-130	0		30
1,3-Dichlorobenzene	98		98		70-130	0		30
1,4-Dichlorobenzene	95		96		70-130	1		30
Methyl tert butyl ether	98		99		66-130	1		30
p/m-Xylene	100		99		70-130	1		30
o-Xylene	100		100		70-130	0		30
cis-1,2-Dichloroethene	101		100		70-130	1		30
Dibromomethane	96		97		70-130	1		30
Styrene	101		102		70-130	1		30
Dichlorodifluoromethane	96		94		30-146	2		30
Acetone	91		98		54-140	7		30
Carbon disulfide	83		82		59-130	1		30
2-Butanone	76		96		70-130	23		30
Vinyl acetate	90		95		70-130	5		30
4-Methyl-2-pentanone	95		97		70-130	2		30
1,2,3-Trichloropropane	95		95		68-130	0		30
2-Hexanone	99		100		70-130	1		30
Bromochloromethane	100		100		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06,08,11 Batch: WG1170842-3 WG1170842-4								
2,2-Dichloropropane	96		95		70-130	1		30
1,2-Dibromoethane	102		104		70-130	2		30
1,3-Dichloropropane	98		98		69-130	0		30
1,1,1,2-Tetrachloroethane	98		99		70-130	1		30
Bromobenzene	98		98		70-130	0		30
n-Butylbenzene	97		96		70-130	1		30
sec-Butylbenzene	96		96		70-130	0		30
tert-Butylbenzene	97		96		70-130	1		30
o-Chlorotoluene	97		97		70-130	0		30
p-Chlorotoluene	94		93		70-130	1		30
1,2-Dibromo-3-chloropropane	91		92		68-130	1		30
Hexachlorobutadiene	96		97		67-130	1		30
Isopropylbenzene	95		96		70-130	1		30
p-Isopropyltoluene	97		97		70-130	0		30
Naphthalene	98		100		70-130	2		30
Acrylonitrile	88		97		70-130	10		30
n-Propylbenzene	95		95		70-130	0		30
1,2,3-Trichlorobenzene	100		102		70-130	2		30
1,2,4-Trichlorobenzene	103		105		70-130	2		30
1,3,5-Trimethylbenzene	96		96		70-130	0		30
1,2,4-Trimethylbenzene	97		97		70-130	0		30
1,4-Dioxane	101		106		65-136	5		30
p-Diethylbenzene	99		99		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06,08,11 Batch: WG1170842-3 WG1170842-4								
p-Ethyltoluene	97		97		70-130	0		30
1,2,4,5-Tetramethylbenzene	99		100		70-130	1		30
Ethyl ether	95		96		67-130	1		30
trans-1,4-Dichloro-2-butene	87		88		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	85		87		70-130
Toluene-d8	95		96		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	94		94		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1169707-6 WG1169707-7 QC Sample: L1841367-01 Client ID: GW-6												
Methylene chloride	ND	10	9.3	93		8.5	85		70-130	9		20
1,1-Dichloroethane	ND	10	10	100		9.4	94		70-130	6		20
Chloroform	ND	10	11	110		9.5	95		70-130	15		20
Carbon tetrachloride	ND	10	12	120		10	100		63-132	18		20
1,2-Dichloropropane	ND	10	9.5	95		8.5	85		70-130	11		20
Dibromochloromethane	ND	10	11	110		9.6	96		63-130	14		20
1,1,2-Trichloroethane	ND	10	9.9	99		8.7	87		70-130	13		20
Tetrachloroethene	ND	10	11	110		9.6	96		70-130	14		20
Chlorobenzene	ND	10	10	100		9.1	91		75-130	9		20
Trichlorofluoromethane	ND	10	12	120		11	110		62-150	9		20
1,2-Dichloroethane	ND	10	11	110		9.9	99		70-130	11		20
1,1,1-Trichloroethane	ND	10	12	120		10	100		67-130	18		20
Bromodichloromethane	ND	10	10	100		9.3	93		67-130	7		20
trans-1,3-Dichloropropene	ND	10	10	100		9.0	90		70-130	11		20
cis-1,3-Dichloropropene	ND	10	9.0	90		8.0	80		70-130	12		20
1,1-Dichloropropene	ND	10	11	110		9.3	93		70-130	17		20
Bromoform	ND	10	10	100		9.3	93		54-136	7		20
1,1,2,2-Tetrachloroethane	ND	10	9.3	93		8.2	82		67-130	13		20
Benzene	ND	10	8.7	87		7.9	79		70-130	10		20
Toluene	ND	10	10	100		9.2	92		70-130	8		20
Ethylbenzene	ND	10	11	110		9.4	94		70-130	16		20
Chloromethane	ND	10	8.8	88		7.9	79		64-130	11		20
Bromomethane	ND	10	5.4	54		5.9	59		39-139	9		20

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1169707-6 WG1169707-7 QC Sample: L1841367-01 Client ID: GW-6												
Vinyl chloride	ND	10	11	110		9.8	98		55-140	12		20
Chloroethane	ND	10	12	120		12	120		55-138	0		20
1,1-Dichloroethene	ND	10	11	110		9.7	97		61-145	13		20
trans-1,2-Dichloroethene	ND	10	10	100		9.4	94		70-130	6		20
Trichloroethene	ND	10	10	100		9.0	90		70-130	11		20
1,2-Dichlorobenzene	ND	10	10	100		9.2	92		70-130	8		20
1,3-Dichlorobenzene	ND	10	11	110		9.3	93		70-130	17		20
1,4-Dichlorobenzene	ND	10	10	100		9.0	90		70-130	11		20
Methyl tert butyl ether	ND	10	10	100		9.6	96		63-130	4		20
p/m-Xylene	ND	20	22	110		19	95		70-130	15		20
o-Xylene	ND	20	22	110		19	95		70-130	15		20
cis-1,2-Dichloroethene	ND	10	10	100		9.3	93		70-130	7		20
Dibromomethane	ND	10	9.7	97		8.8	88		70-130	10		20
1,2,3-Trichloropropane	ND	10	9.8	98		8.7	87		64-130	12		20
Acrylonitrile	ND	10	9.1	91		8.6	86		70-130	6		20
Styrene	ND	20	22	110		19	95		70-130	15		20
Dichlorodifluoromethane	ND	10	10	100		9.2	92		36-147	8		20
Acetone	4.0J	10	13	130		11	110		58-148	17		20
Carbon disulfide	ND	10	10	100		9.2	92		51-130	8		20
2-Butanone	ND	10	8.9	89		7.9	79		63-138	12		20
Vinyl acetate	ND	10	9.3	93		8.4	84		70-130	10		20
4-Methyl-2-pentanone	ND	10	8.8	88		8.0	80		59-130	10		20
2-Hexanone	ND	10	8.9	89		7.7	77		57-130	14		20

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1169707-6 WG1169707-7 QC Sample: L1841367-01 Client ID: GW-6												
Bromochloromethane	ND	10	10	100		9.3	93		70-130	7		20
2,2-Dichloropropane	ND	10	11	110		10	100		63-133	10		20
1,2-Dibromoethane	ND	10	10	100		8.9	89		70-130	12		20
1,3-Dichloropropane	ND	10	9.9	99		8.9	89		70-130	11		20
1,1,1,2-Tetrachloroethane	ND	10	11	110		10	100		64-130	10		20
Bromobenzene	ND	10	10	100		8.9	89		70-130	12		20
n-Butylbenzene	ND	10	11	110		9.3	93		53-136	17		20
sec-Butylbenzene	ND	10	11	110		9.5	95		70-130	15		20
tert-Butylbenzene	ND	10	11	110		9.7	97		70-130	13		20
o-Chlorotoluene	ND	10	13	130		11	110		70-130	17		20
p-Chlorotoluene	ND	10	10	100		9.3	93		70-130	7		20
1,2-Dibromo-3-chloropropane	ND	10	8.3	83		8.1	81		41-144	2		20
Hexachlorobutadiene	ND	10	10	100		8.4	84		63-130	17		20
Isopropylbenzene	ND	10	11	110		9.5	95		70-130	15		20
p-Isopropyltoluene	ND	10	11	110		9.7	97		70-130	13		20
Naphthalene	ND	10	10	100		9.0	90		70-130	11		20
n-Propylbenzene	ND	10	11	110		9.4	94		69-130	16		20
1,2,3-Trichlorobenzene	ND	10	10	100		8.9	89		70-130	12		20
1,2,4-Trichlorobenzene	ND	10	10	100		8.9	89		70-130	12		20
1,3,5-Trimethylbenzene	ND	10	11	110		9.8	98		64-130	12		20
1,2,4-Trimethylbenzene	ND	10	12	120		10	100		70-130	18		20
1,4-Dioxane	ND	500	310	62		260	**52**	Q	56-162	18		20
p-Diethylbenzene	ND	10	11	110		9.3	93		70-130	17		20

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1169707-6 WG1169707-7 QC Sample: L1841367-01 Client ID: GW-6												
p-Ethyltoluene	ND	10	11	110		9.7	97		70-130	13		20
1,2,4,5-Tetramethylbenzene	ND	10	10	100		9.0	90		70-130	11		20
Ethyl ether	ND	10	9.6	96		8.7	87		59-134	10		20
trans-1,4-Dichloro-2-butene	ND	10	6.0	**60**	Q	5.1	**51**	Q	70-130	16		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		110		70-130
4-Bromofluorobenzene	98		96		70-130
Dibromofluoromethane	103		107		70-130
Toluene-d8	102		103		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06,08,11 QC Batch ID: WG1170842-6 WG1170842-7 QC Sample: L1841367-08 Client ID: B-14 (6-7)												
Methylene chloride	ND	125	110	89		92	72		70-130	19		30
1,1-Dichloroethane	ND	125	120	98		120	93		70-130	2		30
Chloroform	ND	125	120	94		110	86		70-130	6		30
Carbon tetrachloride	ND	125	130	100		120	96		70-130	2		30
1,2-Dichloropropane	ND	125	120	94		120	90		70-130	3		30
Dibromochloromethane	ND	125	110	90		100	80		70-130	10		30
1,1,2-Trichloroethane	ND	125	120	92		110	85		70-130	5		30
Tetrachloroethene	ND	125	120	92		93	73		70-130	21		30
Chlorobenzene	ND	125	110	84		74	**58**	Q	70-130	**34**	Q	30
Trichlorofluoromethane	ND	125	120	99		120	94		70-139	2		30
1,2-Dichloroethane	ND	125	100	83		89	**69**	Q	70-130	16		30
1,1,1-Trichloroethane	0.31J	125	130	100		130	100		70-130	3		30
Bromodichloromethane	ND	125	120	96		110	86		70-130	9		30
trans-1,3-Dichloropropene	ND	125	120	94		66	**51**	Q	70-130	**57**	Q	30
cis-1,3-Dichloropropene	ND	125	130	100		88	**68**	Q	70-130	**35**	Q	30
1,1-Dichloropropene	ND	125	130	103		97	75		70-130	29		30
Bromoform	ND	125	110	89		110	82		70-130	6		30
1,1,2,2-Tetrachloroethane	ND	125	100	82		110	86		70-130	7		30
Benzene	ND	125	120	99		110	88		70-130	9		30
Toluene	ND	125	120	94		99	77		70-130	18		30
Ethylbenzene	ND	125	110	86		89	**69**	Q	70-130	20		30
Chloromethane	ND	125	120	98		110	87		52-130	9		30
Bromomethane	ND	125	110	86		99	77		57-147	9		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06,08,11 QC Batch ID: WG1170842-6 WG1170842-7 QC Sample: L1841367-08 Client ID: B-14 (6-7)												
Vinyl chloride	0.84J	125	140	114		120	90		67-130	22		30
Chloroethane	ND	125	100	81		91	71		50-151	11		30
1,1-Dichloroethene	ND	125	130	107		110	86		65-135	20		30
trans-1,2-Dichloroethene	ND	125	130	104		80	**62**	Q	70-130	**48**	Q	30
Trichloroethene	ND	125	120	99		90	70		70-130	**32**	Q	30
1,2-Dichlorobenzene	ND	125	80	**64**	Q	57	**44**	Q	70-130	**35**	Q	30
1,3-Dichlorobenzene	ND	125	83	**66**	Q	49	**38**	Q	70-130	**51**	Q	30
1,4-Dichlorobenzene	ND	125	80	**64**	Q	43	**34**	Q	70-130	**60**	Q	30
Methyl tert butyl ether	ND	125	120	92		120	95		66-130	6		30
p/m-Xylene	ND	250	210	86		170	**67**	Q	70-130	22		30
o-Xylene	ND	250	210	86		190	72		70-130	14		30
cis-1,2-Dichloroethene	0.56J	125	130	101		97	76		70-130	26		30
Dibromomethane	ND	125	110	91		83	**64**	Q	70-130	**32**	Q	30
Styrene	ND	250	210	84		140	**53**	Q	70-130	**43**	Q	30
Dichlorodifluoromethane	ND	125	140	113		140	106		30-146	4		30
Acetone	120	125	260	115		130	**4**	Q	54-140	**71**	Q	30
Carbon disulfide	ND	125	120	95		55	**43**	Q	59-130	**74**	Q	30
2-Butanone	17	125	130	90		100	**68**	Q	70-130	22		30
Vinyl acetate	ND	125	94	75		47	**37**	Q	70-130	**67**	Q	30
4-Methyl-2-pentanone	ND	125	110	86		110	88		70-130	5		30
1,2,3-Trichloropropane	ND	125	99	79		100	80		68-130	4		30
2-Hexanone	ND	125	100	82		99	77		70-130	4		30
Bromochloromethane	ND	125	120	94		93	72		70-130	24		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06,08,11 QC Batch ID: WG1170842-6 WG1170842-7 QC Sample: L1841367-08 Client ID: B-14 (6-7)												
2,2-Dichloropropane	ND	125	130	101		130	100		70-130	2		30
1,2-Dibromoethane	ND	125	120	94		86	**67**	Q	70-130	**31**	Q	30
1,3-Dichloropropane	ND	125	110	90		98	76		69-130	14		30
1,1,1,2-Tetrachloroethane	ND	125	110	89		110	87		70-130	1		30
Bromobenzene	ND	125	99	79		67	**52**	Q	70-130	**39**	Q	30
n-Butylbenzene	ND	125	67	**54**	Q	51	**40**	Q	70-130	28		30
sec-Butylbenzene	ND	125	77	**62**	Q	72	**56**	Q	70-130	8		30
tert-Butylbenzene	ND	125	87	**69**	Q	86	**67**	Q	70-130	1		30
o-Chlorotoluene	ND	125	94	75		77	**60**	Q	70-130	20		30
p-Chlorotoluene	ND	125	89	71		57	**45**	Q	70-130	**43**	Q	30
1,2-Dibromo-3-chloropropane	ND	125	86	68		85	**66**	Q	68-130	1		30
Hexachlorobutadiene	ND	125	46	**36**	Q	43	**34**	Q	67-130	5		30
Isopropylbenzene	ND	125	98	78		94	74		70-130	4		30
p-Isopropyltoluene	ND	125	78	**62**	Q	70	**55**	Q	70-130	10		30
Naphthalene	ND	125	63	**50**	Q	33	**26**	Q	70-130	**63**	Q	30
Acrylonitrile	ND	125	110	88		96	75		70-130	14		30
n-Propylbenzene	ND	125	92	73		75	**59**	Q	70-130	20		30
1,2,3-Trichlorobenzene	ND	125	50	**40**	Q	30	**23**	Q	70-130	**51**	Q	30
1,2,4-Trichlorobenzene	ND	125	57	**45**	Q	28	**22**	Q	70-130	**68**	Q	30
1,3,5-Trimethylbenzene	ND	125	89	71		80	**62**	Q	70-130	10		30
1,2,4-Trimethylbenzene	ND	125	90	72		75	**59**	Q	70-130	17		30
1,4-Dioxane	ND	6260	8100	129		8500	133		65-136	5		30
p-Diethylbenzene	ND	125	75	**60**	Q	61	**48**	Q	70-130	21		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06,08,11 QC Batch ID: WG1170842-6 WG1170842-7 QC Sample: L1841367-08 Client ID: B-14 (6-7)												
p-Ethyltoluene	ND	125	93	74		75	**59**	Q	70-130	21		30
1,2,4,5-Tetramethylbenzene	ND	125	70	**56**	Q	57	**44**	Q	70-130	21		30
Ethyl ether	ND	125	110	86		110	85		67-130	1		30
trans-1,4-Dichloro-2-butene	ND	125	87	70		59	**46**	Q	70-130	**39**	Q	30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		86		70-130
4-Bromofluorobenzene	98		101		70-130
Dibromofluoromethane	96		97		70-130
Toluene-d8	95		97		70-130

SEMIVOLATILES

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-01
Client ID: GW-6
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 08:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/19/18 17:09
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 21:02

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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-01 Date Collected: 10/11/18 08:00

Client ID: GW-6 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	53		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	37		10-120
4-Terphenyl-d14	80		41-149

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-01
Client ID: GW-6
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 08:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/25/18 03:53
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 21:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.36		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.80		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.24		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.33		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.30		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.62		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.26		ug/l	0.10	0.01	1
Chrysene	0.36		ug/l	0.10	0.01	1
Acenaphthylene	0.19		ug/l	0.10	0.01	1
Anthracene	0.26		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.20		ug/l	0.10	0.01	1
Fluorene	0.58		ug/l	0.10	0.01	1
Phenanthrene	1.3		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	0.23		ug/l	0.10	0.01	1
Pyrene	0.74		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.30		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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-01 Date Collected: 10/11/18 08:00

Client ID: GW-6 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	26		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	10		10-120
4-Terphenyl-d14	92		41-149

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-02
Client ID: GW-8
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 10:50
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/19/18 17:37
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 21:02

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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-02 Date Collected: 10/11/18 10:50

Client ID: GW-8 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	51		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	38		10-120
4-Terphenyl-d14	81		41-149

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-02
Client ID: GW-8
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 10:50
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/24/18 22:07
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 21:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	4.6		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.30		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.12		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	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	0.05	J	ug/l	0.10	0.01	1
Anthracene	0.18		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	0.67		ug/l	0.10	0.01	1
Phenanthrene	1.0		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	0.34		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.25		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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-02 Date Collected: 10/11/18 10:50

Client ID: GW-8 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	32		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	28		10-120
4-Terphenyl-d14	94		41-149

Project Name: ALEXANDER ST.
Project Number: 25720.01
Lab Number: L1841367
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-03
Client ID: GW-9
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 11:30
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/19/18 18:04
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 21:02

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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-03 Date Collected: 10/11/18 11:30

Client ID: GW-9 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	77		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	77		41-149

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-03
Client ID: GW-9
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 11:30
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/25/18 01:11
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 21:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	39		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	1.7		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.86		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.60		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.56		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.68		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.22		ug/l	0.10	0.01	1
Chrysene	0.55		ug/l	0.10	0.01	1
Acenaphthylene	0.47		ug/l	0.10	0.01	1
Anthracene	1.2		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.26		ug/l	0.10	0.01	1
Fluorene	11		ug/l	0.10	0.01	1
Phenanthrene	9.2		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.07	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.27		ug/l	0.10	0.01	1
Pyrene	2.5		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.14		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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-03 Date Collected: 10/11/18 11:30

Client ID: GW-9 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	57		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	93		41-149

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-04
Client ID: GW-10
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 12:30
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/19/18 18:32
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 21:02

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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-04 Date Collected: 10/11/18 12:30

Client ID: GW-10 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	1.0	J	ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	36		10-120
4-Terphenyl-d14	74		41-149

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-04
Client ID: GW-10
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 12:30
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/24/18 23:53
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 21:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.78		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.28		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	2.9		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.06	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.05	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.07	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Chrysene	0.06	J	ug/l	0.10	0.01	1
Acenaphthylene	0.05	J	ug/l	0.10	0.01	1
Anthracene	0.18		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	0.58		ug/l	0.10	0.01	1
Phenanthrene	1.0		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	0.23		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.48		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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-04 Date Collected: 10/11/18 12:30

Client ID: GW-10 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	31		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	25		10-120
4-Terphenyl-d14	92		41-149

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-05
Client ID: GW-7
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 08:30
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/19/18 18:59
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 21:02

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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-05 Date Collected: 10/11/18 08:30

Client ID: GW-7 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	2.1		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	0.52	J	ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	81		41-149

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-05
Client ID: GW-7
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 08:30
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/25/18 02:31
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 21:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	5.1		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	2.1		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	1.7		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.40		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.27		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.43		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.17		ug/l	0.10	0.01	1
Chrysene	0.35		ug/l	0.10	0.01	1
Acenaphthylene	0.35		ug/l	0.10	0.01	1
Anthracene	1.2		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.10	J	ug/l	0.10	0.01	1
Fluorene	4.7		ug/l	0.10	0.01	1
Phenanthrene	4.5		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.03	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.12		ug/l	0.10	0.01	1
Pyrene	1.8		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.49		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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-05 Date Collected: 10/11/18 08:30

Client ID: GW-7 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	67		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	92		41-149

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-06 D
Client ID: B-13 (5-6)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 09:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/21/18 05:26
Analyst: EK
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	320	41.	2
1,2,4-Trichlorobenzene	ND		ug/kg	400	45.	2
Hexachlorobenzene	ND		ug/kg	240	44.	2
Bis(2-chloroethyl)ether	ND		ug/kg	360	54.	2
2-Chloronaphthalene	ND		ug/kg	400	39.	2
1,2-Dichlorobenzene	ND		ug/kg	400	71.	2
1,3-Dichlorobenzene	ND		ug/kg	400	68.	2
1,4-Dichlorobenzene	ND		ug/kg	400	69.	2
3,3'-Dichlorobenzidine	ND		ug/kg	400	100	2
2,4-Dinitrotoluene	ND		ug/kg	400	79.	2
2,6-Dinitrotoluene	ND		ug/kg	400	68.	2
Fluoranthene	1400		ug/kg	240	45.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	400	42.	2
4-Bromophenyl phenyl ether	ND		ug/kg	400	60.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	470	68.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	430	40.	2
Hexachlorobutadiene	ND		ug/kg	400	58.	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	360	2
Hexachloroethane	ND		ug/kg	320	64.	2
Isophorone	ND		ug/kg	360	51.	2
Naphthalene	150	J	ug/kg	400	48.	2
Nitrobenzene	ND		ug/kg	360	58.	2
NDPA/DPA	ND		ug/kg	320	45.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	400	61.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	400	140	2
Butyl benzyl phthalate	ND		ug/kg	400	100	2
Di-n-butylphthalate	ND		ug/kg	400	75.	2
Di-n-octylphthalate	ND		ug/kg	400	130	2

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-06 D
Client ID: B-13 (5-6)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 09:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	400	37.	2
Dimethyl phthalate	ND		ug/kg	400	83.	2
Benzo(a)anthracene	1300		ug/kg	240	44.	2
Benzo(a)pyrene	1700		ug/kg	320	96.	2
Benzo(b)fluoranthene	2100		ug/kg	240	67.	2
Benzo(k)fluoranthene	640		ug/kg	240	63.	2
Chrysene	1400		ug/kg	240	41.	2
Acenaphthylene	440		ug/kg	320	61.	2
Anthracene	260		ug/kg	240	77.	2
Benzo(ghi)perylene	1000		ug/kg	320	46.	2
Fluorene	49	J	ug/kg	400	38.	2
Phenanthrene	620		ug/kg	240	48.	2
Dibenzo(a,h)anthracene	320		ug/kg	240	46.	2
Indeno(1,2,3-cd)pyrene	1100		ug/kg	320	55.	2
Pyrene	1500		ug/kg	240	39.	2
Biphenyl	ND		ug/kg	900	92.	2
4-Chloroaniline	ND		ug/kg	400	72.	2
2-Nitroaniline	ND		ug/kg	400	76.	2
3-Nitroaniline	ND		ug/kg	400	74.	2
4-Nitroaniline	ND		ug/kg	400	160	2
Dibenzofuran	44	J	ug/kg	400	37.	2
2-Methylnaphthalene	62	J	ug/kg	470	48.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	400	41.	2
Acetophenone	ND		ug/kg	400	49.	2
2,4,6-Trichlorophenol	ND		ug/kg	240	75.	2
p-Chloro-m-cresol	ND		ug/kg	400	59.	2
2-Chlorophenol	ND		ug/kg	400	47.	2
2,4-Dichlorophenol	ND		ug/kg	360	64.	2
2,4-Dimethylphenol	ND		ug/kg	400	130	2
2-Nitrophenol	ND		ug/kg	850	150	2
4-Nitrophenol	ND		ug/kg	550	160	2
2,4-Dinitrophenol	ND		ug/kg	1900	180	2
4,6-Dinitro-o-cresol	ND		ug/kg	1000	190	2
Pentachlorophenol	ND		ug/kg	320	87.	2
Phenol	ND		ug/kg	400	60.	2
2-Methylphenol	ND		ug/kg	400	61.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	570	62.	2

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-06 D
Client ID: B-13 (5-6)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 09:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	400	76.	2
Benzoic Acid	ND		ug/kg	1300	400	2
Benzyl Alcohol	ND		ug/kg	400	120	2
Carbazole	83	J	ug/kg	400	38.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		25-120
Phenol-d6	42		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	45		10-136
4-Terphenyl-d14	35		18-120

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-07 D
Client ID: B-11 (5-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 09:50
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/21/18 05:53
Analyst: EK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	410		ug/kg	310	40.	2
1,2,4-Trichlorobenzene	ND		ug/kg	380	44.	2
Hexachlorobenzene	ND		ug/kg	230	43.	2
Bis(2-chloroethyl)ether	ND		ug/kg	340	52.	2
2-Chloronaphthalene	ND		ug/kg	380	38.	2
1,2-Dichlorobenzene	ND		ug/kg	380	69.	2
1,3-Dichlorobenzene	ND		ug/kg	380	66.	2
1,4-Dichlorobenzene	ND		ug/kg	380	67.	2
3,3'-Dichlorobenzidine	ND		ug/kg	380	100	2
2,4-Dinitrotoluene	ND		ug/kg	380	77.	2
2,6-Dinitrotoluene	ND		ug/kg	380	66.	2
Fluoranthene	4800		ug/kg	230	44.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	380	41.	2
4-Bromophenyl phenyl ether	ND		ug/kg	380	58.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	460	65.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	410	38.	2
Hexachlorobutadiene	ND		ug/kg	380	56.	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	350	2
Hexachloroethane	ND		ug/kg	310	62.	2
Isophorone	ND		ug/kg	340	50.	2
Naphthalene	200	J	ug/kg	380	47.	2
Nitrobenzene	ND		ug/kg	340	57.	2
NDPA/DPA	ND		ug/kg	310	44.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	380	59.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	380	130	2
Butyl benzyl phthalate	ND		ug/kg	380	97.	2
Di-n-butylphthalate	ND		ug/kg	380	73.	2
Di-n-octylphthalate	ND		ug/kg	380	130	2

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-07 D
Client ID: B-11 (5-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 09:50
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	380	36.	2
Dimethyl phthalate	ND		ug/kg	380	80.	2
Benzo(a)anthracene	2300		ug/kg	230	43.	2
Benzo(a)pyrene	2200		ug/kg	310	94.	2
Benzo(b)fluoranthene	2800		ug/kg	230	64.	2
Benzo(k)fluoranthene	860		ug/kg	230	61.	2
Chrysene	2300		ug/kg	230	40.	2
Acenaphthylene	240	J	ug/kg	310	59.	2
Anthracene	1400		ug/kg	230	75.	2
Benzo(ghi)perylene	1300		ug/kg	310	45.	2
Fluorene	550		ug/kg	380	37.	2
Phenanthrene	3300		ug/kg	230	47.	2
Dibenzo(a,h)anthracene	300		ug/kg	230	44.	2
Indeno(1,2,3-cd)pyrene	1400		ug/kg	310	53.	2
Pyrene	4300		ug/kg	230	38.	2
Biphenyl	ND		ug/kg	870	89.	2
4-Chloroaniline	ND		ug/kg	380	70.	2
2-Nitroaniline	ND		ug/kg	380	74.	2
3-Nitroaniline	ND		ug/kg	380	72.	2
4-Nitroaniline	ND		ug/kg	380	160	2
Dibenzofuran	340	J	ug/kg	380	36.	2
2-Methylnaphthalene	96	J	ug/kg	460	46.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	380	40.	2
Acetophenone	ND		ug/kg	380	47.	2
2,4,6-Trichlorophenol	ND		ug/kg	230	73.	2
p-Chloro-m-cresol	ND		ug/kg	380	57.	2
2-Chlorophenol	ND		ug/kg	380	45.	2
2,4-Dichlorophenol	ND		ug/kg	340	62.	2
2,4-Dimethylphenol	ND		ug/kg	380	130	2
2-Nitrophenol	ND		ug/kg	830	140	2
4-Nitrophenol	ND		ug/kg	540	160	2
2,4-Dinitrophenol	ND		ug/kg	1800	180	2
4,6-Dinitro-o-cresol	ND		ug/kg	1000	180	2
Pentachlorophenol	ND		ug/kg	310	84.	2
Phenol	ND		ug/kg	380	58.	2
2-Methylphenol	ND		ug/kg	380	59.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	550	60.	2

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-07 D
Client ID: B-11 (5-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 09:50
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	380	73.	2
Benzoic Acid	ND		ug/kg	1200	390	2
Benzyl Alcohol	ND		ug/kg	380	120	2
Carbazole	220	J	ug/kg	380	37.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	43		10-136
4-Terphenyl-d14	45		18-120

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-08
Client ID: B-14 (6-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 10:45
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/21/18 06:31
Analyst: RC
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	35	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	370		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	67	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-08 Date Collected: 10/11/18 10:45

Client ID: B-14 (6-7) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	160		ug/kg	110	21.	1
Benzo(a)pyrene	140	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	170		ug/kg	110	31.	1
Benzo(k)fluoranthene	61	J	ug/kg	110	29.	1
Chrysene	150		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	62	J	ug/kg	110	36.	1
Benzo(ghi)perylene	86	J	ug/kg	150	22.	1
Fluorene	32	J	ug/kg	180	18.	1
Phenanthrene	250		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	80	J	ug/kg	150	26.	1
Pyrene	320		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	24	J	ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	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	60	J	ug/kg	260	29.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-08 Date Collected: 10/11/18 10:45

Client ID: B-14 (6-7) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	23	J	ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	37		18-120

Project Name: ALEXANDER ST.
Project Number: 25720.01
Lab Number: L1841367
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-09
Client ID: B-12 (5-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 11:15
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/21/18 03:14
Analyst: EK
Percent Solids: 46%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3000		ug/kg	280	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	350	40.	1
Hexachlorobenzene	ND		ug/kg	210	39.	1
Bis(2-chloroethyl)ether	ND		ug/kg	320	48.	1
2-Chloronaphthalene	ND		ug/kg	350	35.	1
1,2-Dichlorobenzene	ND		ug/kg	350	63.	1
1,3-Dichlorobenzene	ND		ug/kg	350	60.	1
1,4-Dichlorobenzene	ND		ug/kg	350	61.	1
3,3'-Dichlorobenzidine	ND		ug/kg	350	93.	1
2,4-Dinitrotoluene	ND		ug/kg	350	70.	1
2,6-Dinitrotoluene	ND		ug/kg	350	60.	1
Fluoranthene	1400		ug/kg	210	40.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	350	38.	1
4-Bromophenyl phenyl ether	ND		ug/kg	350	54.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	420	60.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	380	35.	1
Hexachlorobutadiene	ND		ug/kg	350	51.	1
Hexachlorocyclopentadiene	ND		ug/kg	1000	320	1
Hexachloroethane	ND		ug/kg	280	57.	1
Isophorone	ND		ug/kg	320	46.	1
Naphthalene	5200		ug/kg	350	43.	1
Nitrobenzene	ND		ug/kg	320	52.	1
NDPA/DPA	ND		ug/kg	280	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	350	54.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	350	120	1
Butyl benzyl phthalate	ND		ug/kg	350	88.	1
Di-n-butylphthalate	ND		ug/kg	350	66.	1
Di-n-octylphthalate	ND		ug/kg	350	120	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-09 Date Collected: 10/11/18 11:15

Client ID: B-12 (5-7) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	350	32.	1
Dimethyl phthalate	ND		ug/kg	350	74.	1
Benzo(a)anthracene	680		ug/kg	210	40.	1
Benzo(a)pyrene	520		ug/kg	280	86.	1
Benzo(b)fluoranthene	700		ug/kg	210	59.	1
Benzo(k)fluoranthene	190	J	ug/kg	210	56.	1
Chrysene	730		ug/kg	210	36.	1
Acenaphthylene	730		ug/kg	280	54.	1
Anthracene	800		ug/kg	210	68.	1
Benzo(ghi)perylene	400		ug/kg	280	41.	1
Fluorene	1500		ug/kg	350	34.	1
Phenanthrene	3300		ug/kg	210	43.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	210	40.	1
Indeno(1,2,3-cd)pyrene	360		ug/kg	280	49.	1
Pyrene	1800		ug/kg	210	35.	1
Biphenyl	130	J	ug/kg	800	81.	1
4-Chloroaniline	ND		ug/kg	350	64.	1
2-Nitroaniline	ND		ug/kg	350	68.	1
3-Nitroaniline	ND		ug/kg	350	66.	1
4-Nitroaniline	ND		ug/kg	350	140	1
Dibenzofuran	53	J	ug/kg	350	33.	1
2-Methylnaphthalene	880		ug/kg	420	42.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	350	37.	1
Acetophenone	94	J	ug/kg	350	43.	1
2,4,6-Trichlorophenol	ND		ug/kg	210	66.	1
p-Chloro-m-cresol	ND		ug/kg	350	52.	1
2-Chlorophenol	ND		ug/kg	350	41.	1
2,4-Dichlorophenol	ND		ug/kg	320	56.	1
2,4-Dimethylphenol	ND		ug/kg	350	120	1
2-Nitrophenol	ND		ug/kg	760	130	1
4-Nitrophenol	ND		ug/kg	490	140	1
2,4-Dinitrophenol	ND		ug/kg	1700	160	1
4,6-Dinitro-o-cresol	ND		ug/kg	910	170	1
Pentachlorophenol	ND		ug/kg	280	77.	1
Phenol	ND		ug/kg	350	53.	1
2-Methylphenol	ND		ug/kg	350	54.	1
3-Methylphenol/4-Methylphenol	140	J	ug/kg	500	55.	1

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-09 Date Collected: 10/11/18 11:15

Client ID: B-12 (5-7) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	350	67.	1
Benzoic Acid	ND		ug/kg	1100	360	1
Benzyl Alcohol	ND		ug/kg	350	110	1
Carbazole	ND		ug/kg	350	34.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	47		18-120

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-10 D2
Client ID: SS-DUP-1
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 00:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/23/18 02:54
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	34000		ug/kg	550	100	5
Pyrene	28000		ug/kg	550	91.	5

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-10 D
Client ID: SS-DUP-1
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 00:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/21/18 06:19
Analyst: EK
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	540		ug/kg	290	38.	2
1,2,4-Trichlorobenzene	ND		ug/kg	370	42.	2
Hexachlorobenzene	ND		ug/kg	220	41.	2
Bis(2-chloroethyl)ether	ND		ug/kg	330	50.	2
2-Chloronaphthalene	ND		ug/kg	370	36.	2
1,2-Dichlorobenzene	ND		ug/kg	370	66.	2
1,3-Dichlorobenzene	ND		ug/kg	370	63.	2
1,4-Dichlorobenzene	ND		ug/kg	370	64.	2
3,3'-Dichlorobenzidine	ND		ug/kg	370	98.	2
2,4-Dinitrotoluene	ND		ug/kg	370	74.	2
2,6-Dinitrotoluene	ND		ug/kg	370	63.	2
Fluoranthene	16000	E	ug/kg	220	42.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	370	39.	2
4-Bromophenyl phenyl ether	ND		ug/kg	370	56.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	440	63.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	400	37.	2
Hexachlorobutadiene	ND		ug/kg	370	54.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	330	2
Hexachloroethane	ND		ug/kg	290	60.	2
Isophorone	ND		ug/kg	330	48.	2
Naphthalene	1000		ug/kg	370	45.	2
Nitrobenzene	ND		ug/kg	330	54.	2
NDPA/DPA	ND		ug/kg	290	42.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	370	57.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	370	130	2
Butyl benzyl phthalate	ND		ug/kg	370	93.	2
Di-n-butylphthalate	ND		ug/kg	370	70.	2
Di-n-octylphthalate	ND		ug/kg	370	120	2

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-10 D Date Collected: 10/11/18 00:00

Client ID: SS-DUP-1 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	370	34.	2
Dimethyl phthalate	ND		ug/kg	370	77.	2
Benzo(a)anthracene	11000		ug/kg	220	41.	2
Benzo(a)pyrene	11000		ug/kg	290	90.	2
Benzo(b)fluoranthene	14000		ug/kg	220	62.	2
Benzo(k)fluoranthene	3400		ug/kg	220	59.	2
Chrysene	10000		ug/kg	220	38.	2
Acenaphthylene	830		ug/kg	290	57.	2
Anthracene	4800		ug/kg	220	72.	2
Benzo(ghi)perylene	6800		ug/kg	290	43.	2
Fluorene	980		ug/kg	370	36.	2
Phenanthrene	9100		ug/kg	220	45.	2
Dibenzo(a,h)anthracene	1700		ug/kg	220	42.	2
Indeno(1,2,3-cd)pyrene	7600		ug/kg	290	51.	2
Pyrene	15000	E	ug/kg	220	36.	2
Biphenyl	170	J	ug/kg	840	85.	2
4-Chloroaniline	ND		ug/kg	370	67.	2
2-Nitroaniline	ND		ug/kg	370	71.	2
3-Nitroaniline	ND		ug/kg	370	69.	2
4-Nitroaniline	ND		ug/kg	370	150	2
Dibenzofuran	780		ug/kg	370	35.	2
2-Methylnaphthalene	370	J	ug/kg	440	44.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	370	38.	2
Acetophenone	ND		ug/kg	370	46.	2
2,4,6-Trichlorophenol	ND		ug/kg	220	70.	2
p-Chloro-m-cresol	ND		ug/kg	370	55.	2
2-Chlorophenol	ND		ug/kg	370	44.	2
2,4-Dichlorophenol	ND		ug/kg	330	59.	2
2,4-Dimethylphenol	ND		ug/kg	370	120	2
2-Nitrophenol	ND		ug/kg	800	140	2
4-Nitrophenol	ND		ug/kg	520	150	2
2,4-Dinitrophenol	ND		ug/kg	1800	170	2
4,6-Dinitro-o-cresol	ND		ug/kg	960	180	2
Pentachlorophenol	ND		ug/kg	290	81.	2
Phenol	ND		ug/kg	370	56.	2
2-Methylphenol	ND		ug/kg	370	57.	2
3-Methylphenol/4-Methylphenol	110	J	ug/kg	530	58.	2

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-10 D
Client ID: SS-DUP-1
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 00:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	370	70.	2
Benzoic Acid	ND		ug/kg	1200	370	2
Benzyl Alcohol	ND		ug/kg	370	110	2
Carbazole	710		ug/kg	370	36.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	43		10-136
4-Terphenyl-d14	54		18-120

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-11 D
Client ID: SD-1
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 13:45
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/21/18 06:45
Analyst: EK
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	43	J	ug/kg	320	42.	2
1,2,4-Trichlorobenzene	ND		ug/kg	400	46.	2
Hexachlorobenzene	ND		ug/kg	240	45.	2
Bis(2-chloroethyl)ether	ND		ug/kg	360	54.	2
2-Chloronaphthalene	ND		ug/kg	400	40.	2
1,2-Dichlorobenzene	ND		ug/kg	400	72.	2
1,3-Dichlorobenzene	ND		ug/kg	400	69.	2
1,4-Dichlorobenzene	ND		ug/kg	400	70.	2
3,3'-Dichlorobenzidine	ND		ug/kg	400	110	2
2,4-Dinitrotoluene	ND		ug/kg	400	80.	2
2,6-Dinitrotoluene	ND		ug/kg	400	69.	2
Fluoranthene	4600		ug/kg	240	46.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	400	43.	2
4-Bromophenyl phenyl ether	ND		ug/kg	400	61.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	480	68.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	430	40.	2
Hexachlorobutadiene	ND		ug/kg	400	59.	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	360	2
Hexachloroethane	ND		ug/kg	320	65.	2
Isophorone	ND		ug/kg	360	52.	2
Naphthalene	ND		ug/kg	400	49.	2
Nitrobenzene	ND		ug/kg	360	59.	2
NDPA/DPA	ND		ug/kg	320	46.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	400	62.	2
Bis(2-ethylhexyl)phthalate	510		ug/kg	400	140	2
Butyl benzyl phthalate	ND		ug/kg	400	100	2
Di-n-butylphthalate	ND		ug/kg	400	76.	2
Di-n-octylphthalate	ND		ug/kg	400	140	2

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-11 D Date Collected: 10/11/18 13:45

Client ID: SD-1 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	400	37.	2
Dimethyl phthalate	ND		ug/kg	400	84.	2
Benzo(a)anthracene	2600		ug/kg	240	45.	2
Benzo(a)pyrene	2900		ug/kg	320	98.	2
Benzo(b)fluoranthene	4500		ug/kg	240	67.	2
Benzo(k)fluoranthene	1600		ug/kg	240	64.	2
Chrysene	3200		ug/kg	240	42.	2
Acenaphthylene	ND		ug/kg	320	62.	2
Anthracene	420		ug/kg	240	78.	2
Benzo(ghi)perylene	2100		ug/kg	320	47.	2
Fluorene	76	J	ug/kg	400	39.	2
Phenanthrene	1900		ug/kg	240	49.	2
Dibenzo(a,h)anthracene	520		ug/kg	240	46.	2
Indeno(1,2,3-cd)pyrene	2400		ug/kg	320	56.	2
Pyrene	3900		ug/kg	240	40.	2
Biphenyl	ND		ug/kg	910	93.	2
4-Chloroaniline	ND		ug/kg	400	73.	2
2-Nitroaniline	ND		ug/kg	400	77.	2
3-Nitroaniline	ND		ug/kg	400	76.	2
4-Nitroaniline	ND		ug/kg	400	160	2
Dibenzofuran	40	J	ug/kg	400	38.	2
2-Methylnaphthalene	ND		ug/kg	480	48.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	400	42.	2
Acetophenone	ND		ug/kg	400	50.	2
2,4,6-Trichlorophenol	ND		ug/kg	240	76.	2
p-Chloro-m-cresol	ND		ug/kg	400	60.	2
2-Chlorophenol	ND		ug/kg	400	47.	2
2,4-Dichlorophenol	ND		ug/kg	360	64.	2
2,4-Dimethylphenol	ND		ug/kg	400	130	2
2-Nitrophenol	ND		ug/kg	860	150	2
4-Nitrophenol	ND		ug/kg	560	160	2
2,4-Dinitrophenol	ND		ug/kg	1900	190	2
4,6-Dinitro-o-cresol	ND		ug/kg	1000	190	2
Pentachlorophenol	ND		ug/kg	320	88.	2
Phenol	ND		ug/kg	400	60.	2
2-Methylphenol	ND		ug/kg	400	62.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	580	63.	2

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-11 D Date Collected: 10/11/18 13:45

Client ID: SD-1 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	400	77.	2
Benzoic Acid	ND		ug/kg	1300	400	2
Benzyl Alcohol	ND		ug/kg	400	120	2
Carbazole	400		ug/kg	400	39.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		25-120
Phenol-d6	46		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	46		30-120
2,4,6-Tribromophenol	43		10-136
4-Terphenyl-d14	39		18-120

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-12 D
Client ID: SD-2
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 14:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/23/18 06:32
Analyst: ALS
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	45	J	ug/kg	300	39.	2
1,2,4-Trichlorobenzene	ND		ug/kg	380	43.	2
Hexachlorobenzene	ND		ug/kg	230	42.	2
Bis(2-chloroethyl)ether	ND		ug/kg	340	51.	2
2-Chloronaphthalene	ND		ug/kg	380	38.	2
1,2-Dichlorobenzene	ND		ug/kg	380	68.	2
1,3-Dichlorobenzene	ND		ug/kg	380	65.	2
1,4-Dichlorobenzene	ND		ug/kg	380	66.	2
3,3'-Dichlorobenzidine	ND		ug/kg	380	100	2
2,4-Dinitrotoluene	ND		ug/kg	380	76.	2
2,6-Dinitrotoluene	ND		ug/kg	380	65.	2
Fluoranthene	1200		ug/kg	230	44.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	380	41.	2
4-Bromophenyl phenyl ether	ND		ug/kg	380	58.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	460	65.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	410	38.	2
Hexachlorobutadiene	ND		ug/kg	380	56.	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	340	2
Hexachloroethane	ND		ug/kg	300	61.	2
Isophorone	ND		ug/kg	340	49.	2
Naphthalene	92	J	ug/kg	380	46.	2
Nitrobenzene	ND		ug/kg	340	56.	2
NDPA/DPA	ND		ug/kg	300	43.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	380	59.	2
Bis(2-ethylhexyl)phthalate	1100		ug/kg	380	130	2
Butyl benzyl phthalate	ND		ug/kg	380	96.	2
Di-n-butylphthalate	ND		ug/kg	380	72.	2
Di-n-octylphthalate	ND		ug/kg	380	130	2

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-12 D Date Collected: 10/11/18 14:00

Client ID: SD-2 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	380	35.	2
Dimethyl phthalate	ND		ug/kg	380	80.	2
Benzo(a)anthracene	460		ug/kg	230	43.	2
Benzo(a)pyrene	450		ug/kg	300	93.	2
Benzo(b)fluoranthene	990		ug/kg	230	64.	2
Benzo(k)fluoranthene	260		ug/kg	230	61.	2
Chrysene	830		ug/kg	230	39.	2
Acenaphthylene	ND		ug/kg	300	59.	2
Anthracene	78	J	ug/kg	230	74.	2
Benzo(ghi)perylene	640		ug/kg	300	45.	2
Fluorene	99	J	ug/kg	380	37.	2
Phenanthrene	690		ug/kg	230	46.	2
Dibenzo(a,h)anthracene	120	J	ug/kg	230	44.	2
Indeno(1,2,3-cd)pyrene	580		ug/kg	300	53.	2
Pyrene	1000		ug/kg	230	38.	2
Biphenyl	ND		ug/kg	860	88.	2
4-Chloroaniline	ND		ug/kg	380	69.	2
2-Nitroaniline	ND		ug/kg	380	73.	2
3-Nitroaniline	ND		ug/kg	380	72.	2
4-Nitroaniline	ND		ug/kg	380	160	2
Dibenzofuran	46	J	ug/kg	380	36.	2
2-Methylnaphthalene	290	J	ug/kg	460	46.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	380	40.	2
Acetophenone	ND		ug/kg	380	47.	2
2,4,6-Trichlorophenol	ND		ug/kg	230	72.	2
p-Chloro-m-cresol	ND		ug/kg	380	56.	2
2-Chlorophenol	ND		ug/kg	380	45.	2
2,4-Dichlorophenol	ND		ug/kg	340	61.	2
2,4-Dimethylphenol	ND		ug/kg	380	120	2
2-Nitrophenol	ND		ug/kg	820	140	2
4-Nitrophenol	ND		ug/kg	530	150	2
2,4-Dinitrophenol	ND		ug/kg	1800	180	2
4,6-Dinitro-o-cresol	ND		ug/kg	990	180	2
Pentachlorophenol	ND		ug/kg	300	84.	2
Phenol	ND		ug/kg	380	57.	2
2-Methylphenol	ND		ug/kg	380	59.	2
3-Methylphenol/4-Methylphenol	210	J	ug/kg	550	59.	2

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-12 D Date Collected: 10/11/18 14:00

Client ID: SD-2 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	380	73.	2
Benzoic Acid	ND		ug/kg	1200	380	2
Benzyl Alcohol	ND		ug/kg	380	120	2
Carbazole	110	J	ug/kg	380	37.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		25-120
Phenol-d6	44		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	43		30-120
2,4,6-Tribromophenol	36		10-136
4-Terphenyl-d14	38		18-120

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-13
Client ID: FIELD BLANK
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 13:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270D
Analytical Date: 10/19/18 19:27
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 21:02

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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-13 Date Collected: 10/11/18 13:00

Client ID: FIELD BLANK Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	60		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	74		41-149

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-13
Client ID: FIELD BLANK
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 13:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270D-SIM
Analytical Date: 10/24/18 21:14
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 21:01

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	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.05	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		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	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		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	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.02	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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-13 Date Collected: 10/11/18 13:00

Client ID: FIELD BLANK Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	43		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	32		10-120
4-Terphenyl-d14	88		41-149

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/16/18 12:17
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 03:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,13 Batch: WG1168397-1					
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: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/16/18 12:17
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 03:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,13 Batch: WG1168397-1					
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: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/16/18 12:17
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 03:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,13 Batch: WG1168397-1					
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	46		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	63		41-149

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/16/18 14:47
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 03:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-05,13 Batch: WG1168398-1					
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	ND		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: ALEXANDER ST.
Project Number: 25720.01
Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/16/18 14:47
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 03:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-05,13 Batch: WG1168398-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	41		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	72		41-149

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/20/18 23:48
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 10/17/18 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-12 Batch: WG1169022-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	28.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	57.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/20/18 23:48
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 10/17/18 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-12 Batch: WG1169022-1					
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/20/18 23:48
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 10/17/18 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-12 Batch: WG1169022-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	16.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	74		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,13 Batch: WG1168397-2 WG1168397-3								
Acenaphthene	62		55		37-111	12		30
1,2,4-Trichlorobenzene	58		49		39-98	17		30
Hexachlorobenzene	58		49		40-140	17		30
Bis(2-chloroethyl)ether	67		55		40-140	20		30
2-Chloronaphthalene	60		55		40-140	9		30
1,2-Dichlorobenzene	60		50		40-140	18		30
1,3-Dichlorobenzene	58		48		40-140	19		30
1,4-Dichlorobenzene	59		50		36-97	17		30
3,3'-Dichlorobenzidine	52		43		40-140	19		30
2,4-Dinitrotoluene	66		59		48-143	11		30
2,6-Dinitrotoluene	70		60		40-140	15		30
Fluoranthene	66		55		40-140	18		30
4-Chlorophenyl phenyl ether	65		58		40-140	11		30
4-Bromophenyl phenyl ether	60		53		40-140	12		30
Bis(2-chloroisopropyl)ether	69		60		40-140	14		30
Bis(2-chloroethoxy)methane	69		58		40-140	17		30
Hexachlorobutadiene	50		46		40-140	8		30
Hexachlorocyclopentadiene	**38**	Q	**38**	Q	40-140	0		30
Hexachloroethane	61		51		40-140	18		30
Isophorone	69		57		40-140	19		30
Naphthalene	61		53		40-140	14		30
Nitrobenzene	68		55		40-140	21		30
NDPA/DPA	70		61		40-140	14		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,13 Batch: WG1168397-2 WG1168397-3								
n-Nitrosodi-n-propylamine	75		62		29-132	19		30
Bis(2-ethylhexyl)phthalate	74		73		40-140	1		30
Butyl benzyl phthalate	69		62		40-140	11		30
Di-n-butylphthalate	66		57		40-140	15		30
Di-n-octylphthalate	70		70		40-140	0		30
Diethyl phthalate	72		63		40-140	13		30
Dimethyl phthalate	69		59		40-140	16		30
Benzo(a)anthracene	62		58		40-140	7		30
Benzo(a)pyrene	68		63		40-140	8		30
Benzo(b)fluoranthene	70		61		40-140	14		30
Benzo(k)fluoranthene	69		62		40-140	11		30
Chrysene	65		59		40-140	10		30
Acenaphthylene	62		54		45-123	14		30
Anthracene	67		58		40-140	14		30
Benzo(ghi)perylene	71		60		40-140	17		30
Fluorene	66		58		40-140	13		30
Phenanthrene	64		57		40-140	12		30
Dibenzo(a,h)anthracene	72		58		40-140	22		30
Indeno(1,2,3-cd)pyrene	72		61		40-140	17		30
Pyrene	64		54		26-127	17		30
Biphenyl	62		55		40-140	12		30
4-Chloroaniline	**9**	Q	**8**	Q	40-140	6		30
2-Nitroaniline	66		55		52-143	18		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,13 Batch: WG1168397-2 WG1168397-3								
3-Nitroaniline	36		31		25-145	15		30
4-Nitroaniline	58		**48**	Q	51-143	19		30
Dibenzofuran	63		55		40-140	14		30
2-Methylnaphthalene	60		53		40-140	12		30
1,2,4,5-Tetrachlorobenzene	53		49		2-134	8		30
Acetophenone	67		55		39-129	20		30
2,4,6-Trichlorophenol	62		51		30-130	19		30
p-Chloro-m-cresol	67		58		23-97	14		30
2-Chlorophenol	67		55		27-123	20		30
2,4-Dichlorophenol	70		58		30-130	19		30
2,4-Dimethylphenol	71		59		30-130	18		30
2-Nitrophenol	72		60		30-130	18		30
4-Nitrophenol	65		57		10-80	13		30
2,4-Dinitrophenol	52		45		20-130	14		30
4,6-Dinitro-o-cresol	65		58		20-164	11		30
Pentachlorophenol	46		37		9-103	22		30
Phenol	54		46		12-110	16		30
2-Methylphenol	68		57		30-130	18		30
3-Methylphenol/4-Methylphenol	65		55		30-130	17		30
2,4,5-Trichlorophenol	67		56		30-130	18		30
Benzoic Acid	53		49		10-164	8		30
Benzyl Alcohol	56		47		26-116	17		30
Carbazole	66		58		55-144	13		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,13 Batch: WG1168397-2 WG1168397-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	57		48		21-120
Phenol-d6	51		44		10-120
Nitrobenzene-d5	69		59		23-120
2-Fluorobiphenyl	64		54		15-120
2,4,6-Tribromophenol	63		55		10-120
4-Terphenyl-d14	65		52		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-05,13 Batch: WG1168398-2 WG1168398-3								
Acenaphthene	75		79		40-140	5		40
2-Chloronaphthalene	83		85		40-140	2		40
Fluoranthene	76		76		40-140	0		40
Hexachlorobutadiene	64		68		40-140	6		40
Naphthalene	66		76		40-140	14		40
Benzo(a)anthracene	78		80		40-140	3		40
Benzo(a)pyrene	70		71		40-140	1		40
Benzo(b)fluoranthene	67		68		40-140	1		40
Benzo(k)fluoranthene	81		78		40-140	4		40
Chrysene	71		72		40-140	1		40
Acenaphthylene	78		82		40-140	5		40
Anthracene	75		76		40-140	1		40
Benzo(ghi)perylene	47		51		40-140	8		40
Fluorene	78		80		40-140	3		40
Phenanthrene	72		74		40-140	3		40
Dibenzo(a,h)anthracene	53		56		40-140	6		40
Indeno(1,2,3-cd)pyrene	48		53		40-140	10		40
Pyrene	75		75		40-140	0		40
2-Methylnaphthalene	90		95		40-140	5		40
Pentachlorophenol	57		56		40-140	2		40
Hexachlorobenzene	83		84		40-140	1		40
Hexachloroethane	59		66		40-140	11		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-05,13 Batch: WG1168398-2 WG1168398-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		55		21-120
Phenol-d6	49		50		10-120
Nitrobenzene-d5	56		68		23-120
2-Fluorobiphenyl	85		83		15-120
2,4,6-Tribromophenol	103		102		10-120
4-Terphenyl-d14	69		67		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-12 Batch: WG1169022-2 WG1169022-3								
Acenaphthene	80		81		31-137	1		50
1,2,4-Trichlorobenzene	75		74		38-107	1		50
Hexachlorobenzene	84		86		40-140	2		50
Bis(2-chloroethyl)ether	74		76		40-140	3		50
2-Chloronaphthalene	83		83		40-140	0		50
1,2-Dichlorobenzene	71		72		40-140	1		50
1,3-Dichlorobenzene	70		71		40-140	1		50
1,4-Dichlorobenzene	70		72		28-104	3		50
3,3'-Dichlorobenzidine	59		65		40-140	10		50
2,4-Dinitrotoluene	84		87		40-132	4		50
2,6-Dinitrotoluene	83		84		40-140	1		50
Fluoranthene	79		82		40-140	4		50
4-Chlorophenyl phenyl ether	77		79		40-140	3		50
4-Bromophenyl phenyl ether	81		83		40-140	2		50
Bis(2-chloroisopropyl)ether	66		66		40-140	0		50
Bis(2-chloroethoxy)methane	75		75		40-117	0		50
Hexachlorobutadiene	73		73		40-140	0		50
Hexachlorocyclopentadiene	59		58		40-140	2		50
Hexachloroethane	71		74		40-140	4		50
Isophorone	78		78		40-140	0		50
Naphthalene	76		76		40-140	0		50
Nitrobenzene	77		78		40-140	1		50
NDPA/DPA	83		84		36-157	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-12 Batch: WG1169022-2 WG1169022-3								
n-Nitrosodi-n-propylamine	76		77		32-121	1		50
Bis(2-ethylhexyl)phthalate	74		75		40-140	1		50
Butyl benzyl phthalate	79		83		40-140	5		50
Di-n-butylphthalate	76		77		40-140	1		50
Di-n-octylphthalate	75		77		40-140	3		50
Diethyl phthalate	82		84		40-140	2		50
Dimethyl phthalate	80		80		40-140	0		50
Benzo(a)anthracene	75		77		40-140	3		50
Benzo(a)pyrene	79		85		40-140	7		50
Benzo(b)fluoranthene	78		82		40-140	5		50
Benzo(k)fluoranthene	80		84		40-140	5		50
Chrysene	77		78		40-140	1		50
Acenaphthylene	80		80		40-140	0		50
Anthracene	76		78		40-140	3		50
Benzo(ghi)perylene	78		81		40-140	4		50
Fluorene	81		82		40-140	1		50
Phenanthrene	75		76		40-140	1		50
Dibenzo(a,h)anthracene	76		79		40-140	4		50
Indeno(1,2,3-cd)pyrene	76		78		40-140	3		50
Pyrene	79		82		35-142	4		50
Biphenyl	86		86		54-104	0		50
4-Chloroaniline	59		73		40-140	21		50
2-Nitroaniline	82		84		47-134	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-12 Batch: WG1169022-2 WG1169022-3								
3-Nitroaniline	61		69		26-129	12		50
4-Nitroaniline	83		84		41-125	1		50
Dibenzofuran	81		82		40-140	1		50
2-Methylnaphthalene	77		76		40-140	1		50
1,2,4,5-Tetrachlorobenzene	83		82		40-117	1		50
Acetophenone	78		79		14-144	1		50
2,4,6-Trichlorophenol	80		82		30-130	2		50
p-Chloro-m-cresol	84		84		26-103	0		50
2-Chlorophenol	79		79		25-102	0		50
2,4-Dichlorophenol	81		80		30-130	1		50
2,4-Dimethylphenol	86		84		30-130	2		50
2-Nitrophenol	78		77		30-130	1		50
4-Nitrophenol	96		97		11-114	1		50
2,4-Dinitrophenol	59		59		4-130	0		50
4,6-Dinitro-o-cresol	80		82		10-130	2		50
Pentachlorophenol	64		64		17-109	0		50
Phenol	78		79		26-90	1		50
2-Methylphenol	81		80		30-130.	1		50
3-Methylphenol/4-Methylphenol	86		86		30-130	0		50
2,4,5-Trichlorophenol	86		84		30-130	2		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	84		82		40-140	2		50
Carbazole	78		79		54-128	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-12 Batch: WG1169022-2 WG1169022-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		82		25-120
Phenol-d6	81		80		10-120
Nitrobenzene-d5	75		75		23-120
2-Fluorobiphenyl	73		72		30-120
2,4,6-Tribromophenol	88		93		10-136
4-Terphenyl-d14	68		67		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,13 QC Batch ID: WG1168397-4 WG1168397-5 QC Sample: L1841367-01 Client ID: GW-6												
1,2,4-Trichlorobenzene	ND	18.2	12	66		14	77		39-98	15		30
Bis(2-chloroethyl)ether	ND	18.2	14	77		16	88		40-140	13		30
1,2-Dichlorobenzene	ND	18.2	13	72		14	77		40-140	7		30
1,3-Dichlorobenzene	ND	18.2	13	72		14	77		40-140	7		30
1,4-Dichlorobenzene	ND	18.2	13	72		14	77		36-97	7		30
3,3'-Dichlorobenzidine	ND	18.2	ND	**0**	Q	ND	**0**	Q	40-140	NC		30
2,4-Dinitrotoluene	ND	18.2	17	94		17	94		48-143	0		30
2,6-Dinitrotoluene	ND	18.2	15	83		16	88		40-140	6		30
4-Chlorophenyl phenyl ether	ND	18.2	16	88		16	88		40-140	0		30
4-Bromophenyl phenyl ether	ND	18.2	14	77		14	77		40-140	0		30
Bis(2-chloroisopropyl)ether	ND	18.2	15	83		16	88		40-140	6		30
Bis(2-chloroethoxy)methane	ND	18.2	15	83		16	88		40-140	6		30
Hexachlorocyclopentadiene	ND	18.2	11J	61		12.J	66		40-140	9		30
Isophorone	ND	18.2	15	83		16	88		40-140	6		30
Nitrobenzene	ND	18.2	14	77		16	88		40-140	13		30
NDPA/DPA	ND	18.2	16	88		16	88		40-140	0		30
n-Nitrosodi-n-propylamine	ND	18.2	16	88		17	94		29-132	6		30
Bis(2-ethylhexyl)phthalate	ND	18.2	20	110		22	120		40-140	10		30
Butyl benzyl phthalate	ND	18.2	17	94		18	99		40-140	6		30
Di-n-butylphthalate	ND	18.2	17	94		18	99		40-140	6		30
Di-n-octylphthalate	ND	18.2	20	110		21	120		40-140	5		30
Diethyl phthalate	ND	18.2	17	94		18	99		40-140	6		30
Dimethyl phthalate	ND	18.2	15	83		16	88		40-140	6		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,13 QC Batch ID: WG1168397-4 WG1168397-5 QC Sample: L1841367-01 Client ID: GW-6												
Biphenyl	ND	18.2	14	77		16	88		40-140	13		30
4-Chloroaniline	ND	18.2	7.7	42		9.1	50		40-140	17		30
2-Nitroaniline	ND	18.2	16	88		18	99		52-143	12		30
3-Nitroaniline	ND	18.2	11	61		12	66		25-145	9		30
4-Nitroaniline	ND	18.2	13	72		13	72		51-143	0		30
Dibenzofuran	ND	18.2	15	83		16	88		40-140	6		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	13	72		15	83		2-134	14		30
Acetophenone	ND	18.2	14	77		16	88		39-129	13		30
2,4,6-Trichlorophenol	ND	18.2	13	72		14	77		30-130	7		30
p-Chloro-m-cresol	ND	18.2	15	83		16	88		23-97	6		30
2-Chlorophenol	ND	18.2	14	77		15	83		27-123	7		30
2,4-Dichlorophenol	ND	18.2	14	77		15	83		30-130	7		30
2,4-Dimethylphenol	ND	18.2	2.9J	**16**	Q	2.6J	**14**	Q	30-130	11		30
2-Nitrophenol	ND	18.2	16	88		19	100		30-130	17		30
4-Nitrophenol	ND	18.2	18	**99**	Q	17	**94**	Q	10-80	6		30
2,4-Dinitrophenol	ND	18.2	10J	55		12.J	66		20-130	18		30
4,6-Dinitro-o-cresol	ND	18.2	13	72		14	77		20-164	7		30
Phenol	ND	18.2	11	61		12	66		12-110	9		30
2-Methylphenol	ND	18.2	12	66		12	66		30-130	0		30
3-Methylphenol/4-Methylphenol	ND	18.2	13	72		14	77		30-130	7		30
2,4,5-Trichlorophenol	ND	18.2	15	83		16	88		30-130	6		30
Benzoic Acid	ND	18.2	21J	120		24.J	130		10-164	13		30
Benzyl Alcohol	ND	18.2	13	72		15	83		26-116	14		30

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,13 QC Batch ID: WG1168397-4 WG1168397-5 QC Sample: L1841367-01 Client ID: GW-6												
Carbazole	ND	18.2	16	88		17	94		55-144	6		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	77		71		10-120
2-Fluorobiphenyl	73		91		15-120
2-Fluorophenol	68		76		21-120
4-Terphenyl-d14	74		80		41-149
Nitrobenzene-d5	82		89		23-120
Phenol-d6	60		67		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01
Lab Number: L1841367
Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-05,13 QC Batch ID: WG1168398-4 WG1168398-5 QC Sample: L1841367-01 Client ID: GW-6												
Acenaphthene	0.36	18.2	15	81		17	92		40-140	13		40
2-Chloronaphthalene	ND	18.2	15	83		17	94		40-140	13		40
Fluoranthene	0.80	18.2	16	84		17	89		40-140	6		40
Hexachlorobutadiene	ND	18.2	14	77		15	83		40-140	7		40
Naphthalene	0.24	18.2	14	76		16	87		40-140	13		40
Benzo(a)anthracene	0.33	18.2	18	97		19	100		40-140	5		40
Benzo(a)pyrene	0.30	18.2	16	86		17	92		40-140	6		40
Benzo(b)fluoranthene	0.62	18.2	19	100		20	110		40-140	5		40
Benzo(k)fluoranthene	0.26	18.2	18	98		19	100		40-140	5		40
Chrysene	0.36	18.2	15	81		17	92		40-140	13		40
Acenaphthylene	0.19	18.2	16	87		18	98		40-140	12		40
Anthracene	0.26	18.2	14	76		16	87		40-140	13		40
Benzo(ghi)perylene	0.20	18.2	9.1	49		9.5	51		40-140	4		40
Fluorene	0.58	18.2	16	85		18	96		40-140	12		40
Phenanthrene	1.3	18.2	16	81		17	86		40-140	6		40
Dibenzo(a,h)anthracene	0.06J	18.2	10	55		11	61		40-140	10		40
Indeno(1,2,3-cd)pyrene	0.23	18.2	10	54		11	59		40-140	10		40
Pyrene	0.74	18.2	17	89		18	95		40-140	6		40
2-Methylnaphthalene	0.30	18.2	14	75		16	86		40-140	13		40
Pentachlorophenol	ND	18.2	17	94		18	99		40-140	6		40
Hexachlorobenzene	ND	18.2	15	83		18	99		40-140	18		40
Hexachloroethane	ND	18.2	13	72		15	83		40-140	14		40

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-05,13 QC Batch ID: WG1168398-4 WG1168398-5 QC Sample: L1841367-01 Client ID: GW-6												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	85		94		10-120
2-Fluorobiphenyl	84		97		15-120
2-Fluorophenol	63		73		21-120
4-Terphenyl-d14	89		100		41-149
Nitrobenzene-d5	79		91		23-120
Phenol-d6	55		65		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-12 QC Batch ID: WG1169022-4 WG1169022-5 QC Sample: L1841367-08 Client ID: B-14 (6-7)												
Acenaphthene	35.J	1470	1100	75		1200	82		31-137	9		50
1,2,4-Trichlorobenzene	ND	1470	1100	75		1100	75		38-107	0		50
Hexachlorobenzene	ND	1470	1100	75		1200	82		40-140	9		50
Bis(2-chloroethyl)ether	ND	1470	1100	75		1100	75		40-140	0		50
2-Chloronaphthalene	ND	1470	1100	75		1200	82		40-140	9		50
1,2-Dichlorobenzene	ND	1470	1100	75		1100	75		40-140	0		50
1,3-Dichlorobenzene	ND	1470	1100	75		1100	75		40-140	0		50
1,4-Dichlorobenzene	ND	1470	1100	75		1100	75		28-104	0		50
3,3'-Dichlorobenzidine	ND	1470	800	54		860	59		40-140	7		50
2,4-Dinitrotoluene	ND	1470	1100	75		1200	82		40-132	9		50
2,6-Dinitrotoluene	ND	1470	1000	68		1100	75		40-140	10		50
Fluoranthene	370	1470	1400	70		1400	70		40-140	0		50
4-Chlorophenyl phenyl ether	ND	1470	1000	68		1100	75		40-140	10		50
4-Bromophenyl phenyl ether	ND	1470	1100	75		1100	75		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1470	1000	68		980	67		40-140	2		50
Bis(2-chloroethoxy)methane	ND	1470	1100	75		1100	75		40-117	0		50
Hexachlorobutadiene	ND	1470	1100	75		1100	75		40-140	0		50
Hexachlorocyclopentadiene	ND	1470	540	**37**	Q	490J	**33**	Q	40-140	10		50
Hexachloroethane	ND	1470	1100	75		1100	75		40-140	0		50
Isophorone	ND	1470	1200	82		1200	82		40-140	0		50
Naphthalene	67.J	1470	1200	82		1200	82		40-140	0		50
Nitrobenzene	ND	1470	1200	82		1200	82		40-140	0		50
NDPA/DPA	ND	1470	1100	75		1100	75		36-157	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-12 QC Batch ID: WG1169022-4 WG1169022-5 QC Sample: L1841367-08 Client ID: B-14 (6-7)												
n-Nitrosodi-n-propylamine	ND	1470	1200	82		1200	82		32-121	0		50
Bis(2-ethylhexyl)phthalate	ND	1470	1000	68		1100	75		40-140	10		50
Butyl benzyl phthalate	ND	1470	1100	75		1000	68		40-140	10		50
Di-n-butylphthalate	ND	1470	1100	75		1200	82		40-140	9		50
Di-n-octylphthalate	ND	1470	980	67		1000	68		40-140	2		50
Diethyl phthalate	ND	1470	1100	75		1200	82		40-140	9		50
Dimethyl phthalate	ND	1470	1100	75		1100	75		40-140	0		50
Benzo(a)anthracene	160	1470	1000	57		1200	71		40-140	18		50
Benzo(a)pyrene	140J	1470	970	66		1100	75		40-140	13		50
Benzo(b)fluoranthene	170	1470	1000	57		1200	70		40-140	18		50
Benzo(k)fluoranthene	61.J	1470	950	65		1100	75		40-140	15		50
Chrysene	150	1470	1000	58		1200	72		40-140	18		50
Acenaphthylene	ND	1470	1000	68		1100	75		40-140	10		50
Anthracene	62.J	1470	1000	68		1100	75		40-140	10		50
Benzo(ghi)perylene	86.J	1470	950	65		1100	75		40-140	15		50
Fluorene	32.J	1470	1100	75		1200	82		40-140	9		50
Phenanthrene	250	1470	1100	58		1200	65		40-140	9		50
Dibenzo(a,h)anthracene	ND	1470	920	63		1000	68		40-140	8		50
Indeno(1,2,3-cd)pyrene	80.J	1470	920	63		1000	68		40-140	8		50
Pyrene	320	1470	1200	60		1200	60		35-142	0		50
Biphenyl	ND	1470	1200	82		1200	82		54-104	0		50
4-Chloroaniline	ND	1470	930	63		920	63		40-140	1		50
2-Nitroaniline	ND	1470	1200	82		1200	82		47-134	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-12 QC Batch ID: WG1169022-4 WG1169022-5 QC Sample: L1841367-08 Client ID: B-14 (6-7)												
3-Nitroaniline	ND	1470	900	61		880	60		26-129	2		50
4-Nitroaniline	ND	1470	1200	82		1100	75		41-125	9		50
Dibenzofuran	24.J	1470	1100	75		1200	82		40-140	9		50
2-Methylnaphthalene	ND	1470	1100	75		1100	75		40-140	0		50
1,2,4,5-Tetrachlorobenzene	ND	1470	1200	82		1200	82		40-117	0		50
Acetophenone	ND	1470	1200	82		1200	82		14-144	0		50
2,4,6-Trichlorophenol	ND	1470	1200	82		1200	82		30-130	0		50
p-Chloro-m-cresol	ND	1470	1200	82		1200	82		26-103	0		50
2-Chlorophenol	ND	1470	1200	82		1200	82		25-102	0		50
2,4-Dichlorophenol	ND	1470	1100	75		1100	75		30-130	0		50
2,4-Dimethylphenol	ND	1470	1300	89		1300	89		30-130	0		50
2-Nitrophenol	ND	1470	1100	75		1100	75		30-130	0		50
4-Nitrophenol	ND	1470	1500	100		1500	100		11-114	0		50
2,4-Dinitrophenol	ND	1470	200J	14		170J	12		4-130	16		50
4,6-Dinitro-o-cresol	ND	1470	720	49		530	36		10-130	30		50
Pentachlorophenol	ND	1470	980	67		1000	68		17-109	2		50
Phenol	ND	1470	1100	75		1100	75		26-90	0		50
2-Methylphenol	ND	1470	1200	82		1200	82		30-130.	0		50
3-Methylphenol/4-Methylphenol	60.J	1470	1400	95		1300	89		30-130	7		50
2,4,5-Trichlorophenol	ND	1470	1100	75		1200	82		30-130	9		50
Benzoic Acid	ND	1470	ND	**0**	Q	ND	**0**	Q	10-110	NC		50
Benzyl Alcohol	ND	1470	1200	82		1200	82		40-140	0		50
Carbazole	23.J	1470	1100	75		1100	75		54-128	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-12 QC Batch ID: WG1169022-4 WG1169022-5 QC Sample: L1841367-08 Client ID: B-14 (6-7)												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	87		89		10-136
2-Fluorobiphenyl	66		67		30-120
2-Fluorophenol	82		79		25-120
4-Terphenyl-d14	56		56		18-120
Nitrobenzene-d5	77		77		23-120
Phenol-d6	78		78		10-120

PCBS

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-01
Client ID: GW-6
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 08:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/18/18 16:05
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 06:00
Cleanup Method: EPA 3665A
Cleanup Date: 10/16/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-02
Client ID: GW-8
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 10:50
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/18/18 16:45
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 06:00
Cleanup Method: EPA 3665A
Cleanup Date: 10/16/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-03
Client ID: GW-9
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 11:30
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/18/18 16:59
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 06:00
Cleanup Method: EPA 3665A
Cleanup Date: 10/16/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-04
Client ID: GW-10
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 12:30
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/18/18 17:12
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 06:00
Cleanup Method: EPA 3665A
Cleanup Date: 10/16/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-05
Client ID: GW-7
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 08:30
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/18/18 17:26
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 06:00
Cleanup Method: EPA 3665A
Cleanup Date: 10/16/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-06
Client ID: B-13 (5-6)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 09:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/20/18 05:11
Analyst: AWS
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 05:36
Cleanup Method: EPA 3665A
Cleanup Date: 10/17/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.7	3.53	1	A
Aroclor 1221	ND		ug/kg	39.7	3.98	1	A
Aroclor 1232	ND		ug/kg	39.7	8.42	1	A
Aroclor 1242	ND		ug/kg	39.7	5.35	1	A
Aroclor 1248	ND		ug/kg	39.7	5.96	1	A
Aroclor 1254	ND		ug/kg	39.7	4.34	1	A
Aroclor 1260	ND		ug/kg	39.7	7.34	1	A
Aroclor 1262	ND		ug/kg	39.7	5.04	1	A
Aroclor 1268	ND		ug/kg	39.7	4.11	1	A
PCBs, Total	ND		ug/kg	39.7	3.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	35		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-07
Client ID: B-11 (5-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 09:50
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/20/18 03:57
Analyst: AWS
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 05:36
Cleanup Method: EPA 3665A
Cleanup Date: 10/17/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.7	3.35	1	A
Aroclor 1221	ND		ug/kg	37.7	3.78	1	A
Aroclor 1232	ND		ug/kg	37.7	7.99	1	A
Aroclor 1242	ND		ug/kg	37.7	5.08	1	A
Aroclor 1248	ND		ug/kg	37.7	5.65	1	A
Aroclor 1254	ND		ug/kg	37.7	4.12	1	A
Aroclor 1260	ND		ug/kg	37.7	6.97	1	A
Aroclor 1262	ND		ug/kg	37.7	4.79	1	A
Aroclor 1268	ND		ug/kg	37.7	3.90	1	A
PCBs, Total	ND		ug/kg	37.7	3.35	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-08
Client ID: B-14 (6-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 10:45
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/20/18 04:46
Analyst: AWS
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 05:36
Cleanup Method: EPA 3665A
Cleanup Date: 10/17/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	3.28	1	A
Aroclor 1221	ND		ug/kg	37.0	3.70	1	A
Aroclor 1232	ND		ug/kg	37.0	7.83	1	A
Aroclor 1242	ND		ug/kg	37.0	4.98	1	A
Aroclor 1248	ND		ug/kg	37.0	5.54	1	A
Aroclor 1254	ND		ug/kg	37.0	4.04	1	A
Aroclor 1260	ND		ug/kg	37.0	6.83	1	A
Aroclor 1262	ND		ug/kg	37.0	4.69	1	A
Aroclor 1268	ND		ug/kg	37.0	3.83	1	A
PCBs, Total	ND		ug/kg	37.0	3.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	33		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-09
Client ID: B-12 (5-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 11:15
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/20/18 04:59
Analyst: AWS
Percent Solids: 46%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 05:36
Cleanup Method: EPA 3665A
Cleanup Date: 10/17/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	69.0	6.13	1	A
Aroclor 1221	ND		ug/kg	69.0	6.91	1	A
Aroclor 1232	ND		ug/kg	69.0	14.6	1	A
Aroclor 1242	ND		ug/kg	69.0	9.30	1	A
Aroclor 1248	ND		ug/kg	69.0	10.3	1	A
Aroclor 1254	ND		ug/kg	69.0	7.55	1	A
Aroclor 1260	ND		ug/kg	69.0	12.7	1	A
Aroclor 1262	ND		ug/kg	69.0	8.76	1	A
Aroclor 1268	ND		ug/kg	69.0	7.15	1	A
PCBs, Total	ND		ug/kg	69.0	6.13	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	30		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-10
Client ID: SS-DUP-1
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 00:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/20/18 04:09
Analyst: AWS
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 05:36
Cleanup Method: EPA 3665A
Cleanup Date: 10/17/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/18

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	ND		ug/kg	36.8	6.81	1	A
Aroclor 1262	ND		ug/kg	36.8	4.68	1	A
Aroclor 1268	ND		ug/kg	36.8	3.82	1	A
PCBs, Total	ND		ug/kg	36.8	3.27	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-13
Client ID: FIELD BLANK
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 13:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8082A
Analytical Date: 10/18/18 17:40
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 06:01
Cleanup Method: EPA 3665A
Cleanup Date: 10/16/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/16/18 10:40
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 10/16/18 03:10
Cleanup Method: EPA 3665A
Cleanup Date: 10/16/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/16/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-05,13 Batch: WG1168395-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	ND		ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/20/18 05:24
Analyst: AWS

Extraction Method: EPA 3546
Extraction Date: 10/17/18 05:36
Cleanup Method: EPA 3665A
Cleanup Date: 10/17/18
Cleanup Method: EPA 3660B
Cleanup Date: 10/18/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06-10 Batch: WG1168914-1						
Aroclor 1016	ND		ug/kg	31.8	2.82	A
Aroclor 1221	ND		ug/kg	31.8	3.18	A
Aroclor 1232	ND		ug/kg	31.8	6.73	A
Aroclor 1242	ND		ug/kg	31.8	4.28	A
Aroclor 1248	ND		ug/kg	31.8	4.76	A
Aroclor 1254	ND		ug/kg	31.8	3.48	A
Aroclor 1260	ND		ug/kg	31.8	5.87	A
Aroclor 1262	ND		ug/kg	31.8	4.03	A
Aroclor 1268	ND		ug/kg	31.8	3.29	A
PCBs, Total	ND		ug/kg	31.8	2.82	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	40		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-05,13 Batch: WG1168395-2 WG1168395-3									
Aroclor 1016	73		72		40-140	2		50	A
Aroclor 1260	84		89		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		83		30-150	A
Decachlorobiphenyl	94		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		85		30-150	B
Decachlorobiphenyl	89		90		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06-10 Batch: WG1168914-2 WG1168914-3									
Aroclor 1016	94		83		40-140	12		50	A
Aroclor 1260	62		62		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		83		30-150	A
Decachlorobiphenyl	63		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		81		30-150	B
Decachlorobiphenyl	44		45		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-05,13 QC Batch ID: WG1168395-6 WG1168395-7 QC Sample: L1841367-01 Client ID: GW-6													
Aroclor 1016	ND	1.78	1.71	96		1.63	91		40-140	5		50	A
Aroclor 1260	ND	1.78	1.58	88		1.49	83		40-140	6		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		94		30-150	A
Decachlorobiphenyl	86		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		98		30-150	B
Decachlorobiphenyl	83		82		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06-10 QC Batch ID: WG1168914-4 WG1168914-5 QC Sample: L1841367-08 Client ID: B-14 (6-7)													
Aroclor 1016	ND	234	140	60		152	66		40-140	8		50	A
Aroclor 1260	ND	234	94.7	41		104	45		40-140	9		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		71		30-150	A
Decachlorobiphenyl	48		48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		62		30-150	B
Decachlorobiphenyl	37		33		30-150	B

PESTICIDES

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-01
Client ID: GW-6
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 08:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/17/18 23:40
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 10/17/18 08:15

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	0.012	J	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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-01 Date Collected: 10/11/18 08:00

Client ID: GW-6 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	87		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-02
Client ID: GW-8
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 10:50
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/19/18 18:55
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 10/18/18 12:36

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	0.005	J	ug/l	0.029	0.003	1	B
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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-02 Date Collected: 10/11/18 10:50

Client ID: GW-8 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	81		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-03
Client ID: GW-9
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 11:30
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/18/18 00:18
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 10/17/18 08:28

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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-03 Date Collected: 10/11/18 11:30

Client ID: GW-9 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	91		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-04
Client ID: GW-10
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 12:30
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/18/18 00:30
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 10/17/18 08:15

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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-04 Date Collected: 10/11/18 12:30

Client ID: GW-10 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	73		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-05
Client ID: GW-7
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 08:30
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/18/18 00:43
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 10/17/18 08:15

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	0.015	J	ug/l	0.029	0.003	1	B
4,4'-DDT	0.006	JPI	ug/l	0.029	0.003	1	B
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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-05 Date Collected: 10/11/18 08:30

Client ID: GW-7 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	75		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-06
Client ID: B-13 (5-6)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 09:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/18/18 00:33
Analyst: KEG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 08:45
Cleanup Method: EPA 3620B
Cleanup Date: 10/17/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.760	0.340	1	A
Alpha-BHC	ND		ug/kg	0.760	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.692	1	A
Heptachlor	ND		ug/kg	0.912	0.409	1	A
Aldrin	ND		ug/kg	1.82	0.642	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.03	1	A
Endrin	ND		ug/kg	0.760	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.798	1	A
Endrin ketone	ND		ug/kg	1.82	0.470	1	A
Dieldrin	ND	PI	ug/kg	1.14	0.570	1	A
4,4'-DDE	ND		ug/kg	1.82	0.422	1	A
4,4'-DDD	ND		ug/kg	1.82	0.651	1	A
4,4'-DDT	ND		ug/kg	3.42	1.47	1	A
Endosulfan I	ND		ug/kg	1.82	0.431	1	A
Endosulfan II	ND		ug/kg	1.82	0.610	1	A
Endosulfan sulfate	ND		ug/kg	0.760	0.362	1	B
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.58	1	A
cis-Chlordane	ND		ug/kg	2.28	0.636	1	A
trans-Chlordane	ND		ug/kg	2.28	0.602	1	A
Chlordane	ND		ug/kg	14.8	6.04	1	A

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-06 Date Collected: 10/11/18 09:00

Client ID: B-13 (5-6) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	102		30-150	B
Decachlorobiphenyl	75		30-150	B
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	77		30-150	A

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-07 D
Client ID: B-11 (5-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 09:50
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/19/18 15:53
Analyst: KEG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 08:45
Cleanup Method: EPA 3620B
Cleanup Date: 10/17/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	180	35.4	100	A
Lindane	57.6	J	ug/kg	75.2	33.6	100	B
Alpha-BHC	ND		ug/kg	75.2	21.4	100	A
Beta-BHC	ND		ug/kg	180	68.5	100	A
Heptachlor	ND		ug/kg	90.3	40.5	100	A
Aldrin	ND		ug/kg	180	63.6	100	A
Heptachlor epoxide	ND		ug/kg	339	102.	100	A
Endrin	ND		ug/kg	75.2	30.8	100	A
Endrin aldehyde	ND		ug/kg	226	79.0	100	A
Endrin ketone	ND		ug/kg	180	46.5	100	A
Dieldrin	ND		ug/kg	113	56.4	100	A
4,4'-DDE	ND		ug/kg	180	41.8	100	A
4,4'-DDD	ND		ug/kg	180	64.4	100	A
4,4'-DDT	ND		ug/kg	339	145.	100	A
Endosulfan I	ND		ug/kg	180	42.7	100	A
Endosulfan II	ND		ug/kg	180	60.4	100	A
Endosulfan sulfate	ND		ug/kg	75.2	35.8	100	B
Methoxychlor	ND		ug/kg	339	105.	100	A
Toxaphene	ND		ug/kg	3390	948.	100	A
cis-Chlordane	ND		ug/kg	226	62.9	100	A
trans-Chlordane	ND		ug/kg	226	59.6	100	A
Chlordane	ND		ug/kg	1470	598.	100	A

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-07 D
Client ID: B-11 (5-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 09:50
Date Received: 10/11/18
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	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-08 D
Client ID: B-14 (6-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 10:45
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/19/18 16:06
Analyst: KEG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 03:30
Cleanup Method: EPA 3620B
Cleanup Date: 10/17/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	89.0	17.4	50	A
Lindane	ND		ug/kg	37.1	16.6	50	A
Alpha-BHC	ND		ug/kg	37.1	10.5	50	A
Beta-BHC	ND		ug/kg	89.0	33.7	50	A
Heptachlor	ND		ug/kg	44.5	19.9	50	A
Aldrin	ND		ug/kg	89.0	31.3	50	A
Heptachlor epoxide	ND		ug/kg	167	50.0	50	A
Endrin	ND		ug/kg	37.1	15.2	50	A
Endrin aldehyde	ND		ug/kg	111	38.9	50	A
Endrin ketone	ND		ug/kg	89.0	22.9	50	A
Dieldrin	ND		ug/kg	55.6	27.8	50	A
4,4'-DDE	ND		ug/kg	89.0	20.6	50	A
4,4'-DDD	ND		ug/kg	89.0	31.7	50	A
4,4'-DDT	ND		ug/kg	167	71.6	50	A
Endosulfan I	ND		ug/kg	89.0	21.0	50	A
Endosulfan II	ND		ug/kg	89.0	29.7	50	A
Endosulfan sulfate	ND		ug/kg	37.1	17.6	50	A
Methoxychlor	ND		ug/kg	167	51.9	50	A
Toxaphene	ND		ug/kg	1670	467.	50	A
cis-Chlordane	ND		ug/kg	111	31.0	50	A
trans-Chlordane	ND		ug/kg	111	29.4	50	A
Chlordane	ND		ug/kg	723	295.	50	A

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-08 D
Client ID: B-14 (6-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 10:45
Date Received: 10/11/18
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	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-09 D
Client ID: B-12 (5-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 11:15
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/19/18 16:19
Analyst: KEG
Percent Solids: 46%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 08:45
Cleanup Method: EPA 3620B
Cleanup Date: 10/17/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	16.4	3.20	5	A
Lindane	ND		ug/kg	6.82	3.05	5	A
Alpha-BHC	ND		ug/kg	6.82	1.94	5	A
Beta-BHC	ND		ug/kg	16.4	6.21	5	A
Heptachlor	ND		ug/kg	8.18	3.67	5	A
Aldrin	ND		ug/kg	16.4	5.76	5	A
Heptachlor epoxide	ND		ug/kg	30.7	9.21	5	A
Endrin	ND		ug/kg	6.82	2.80	5	A
Endrin aldehyde	ND		ug/kg	20.5	7.16	5	A
Endrin ketone	ND		ug/kg	16.4	4.21	5	A
Dieldrin	ND		ug/kg	10.2	5.12	5	A
4,4'-DDE	ND		ug/kg	16.4	3.78	5	A
4,4'-DDD	ND		ug/kg	16.4	5.84	5	A
4,4'-DDT	ND		ug/kg	30.7	13.2	5	A
Endosulfan I	ND		ug/kg	16.4	3.87	5	A
Endosulfan II	ND		ug/kg	16.4	5.47	5	A
Endosulfan sulfate	ND		ug/kg	6.82	3.25	5	A
Methoxychlor	ND		ug/kg	30.7	9.55	5	A
Toxaphene	ND		ug/kg	307	85.9	5	A
cis-Chlordane	ND		ug/kg	20.5	5.70	5	A
trans-Chlordane	ND		ug/kg	20.5	5.40	5	A
Chlordane	ND		ug/kg	133	54.2	5	A

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-09 D
Client ID: B-12 (5-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 11:15
Date Received: 10/11/18
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	112		30-150	B
Decachlorobiphenyl	101		30-150	B
2,4,5,6-Tetrachloro-m-xylene	**9400**	Q	30-150	A
Decachlorobiphenyl	78		30-150	A

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-10 D
Client ID: SS-DUP-1
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 00:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/19/18 16:31
Analyst: KEG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/17/18 03:30
Cleanup Method: EPA 3620B
Cleanup Date: 10/17/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	17.2	3.38	10	A
Lindane	ND		ug/kg	7.18	3.21	10	A
Alpha-BHC	ND		ug/kg	7.18	2.04	10	A
Beta-BHC	ND		ug/kg	17.2	6.54	10	A
Heptachlor	ND		ug/kg	8.62	3.86	10	A
Aldrin	ND		ug/kg	17.2	6.07	10	A
Heptachlor epoxide	ND		ug/kg	32.3	9.70	10	A
Endrin	ND		ug/kg	7.18	2.94	10	A
Endrin aldehyde	ND		ug/kg	21.6	7.54	10	A
Endrin ketone	ND		ug/kg	17.2	4.44	10	A
Dieldrin	ND		ug/kg	10.8	5.39	10	A
4,4'-DDE	ND		ug/kg	17.2	3.99	10	A
4,4'-DDD	ND		ug/kg	17.2	6.15	10	A
4,4'-DDT	ND		ug/kg	32.3	13.9	10	A
Endosulfan I	ND		ug/kg	17.2	4.07	10	A
Endosulfan II	15.6	J	ug/kg	17.2	5.76	10	B
Endosulfan sulfate	ND		ug/kg	7.18	3.42	10	A
Methoxychlor	ND		ug/kg	32.3	10.0	10	A
Toxaphene	ND		ug/kg	323	90.5	10	A
cis-Chlordane	ND		ug/kg	21.6	6.01	10	A
trans-Chlordane	ND		ug/kg	21.6	5.69	10	A
Chlordane	ND		ug/kg	140	57.1	10	A

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-10 D
Client ID: SS-DUP-1
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 00:00
Date Received: 10/11/18
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	32		30-150	B
Decachlorobiphenyl	86		30-150	B
2,4,5,6-Tetrachloro-m-xylene	**201**	Q	30-150	A
Decachlorobiphenyl	84		30-150	A

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-13
Client ID: FIELD BLANK
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 13:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 10/18/18 00:55
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 10/17/18 08:15

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	B
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	0.011	J	ug/l	0.029	0.006	1	B
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: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-13 Date Collected: 10/11/18 13:00

Client ID: FIELD BLANK Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	87		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/17/18 23:17
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 10/17/18 03:30
Cleanup Method: EPA 3620B
Cleanup Date: 10/17/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06-10 Batch: WG1168889-1						
Delta-BHC	ND		ug/kg	1.59	0.311	A
Lindane	ND		ug/kg	0.661	0.296	A
Alpha-BHC	ND		ug/kg	0.661	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.602	A
Heptachlor	ND		ug/kg	0.794	0.356	A
Aldrin	ND		ug/kg	1.59	0.559	A
Heptachlor epoxide	ND		ug/kg	2.98	0.893	A
Endrin	ND		ug/kg	0.661	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.694	A
Endrin ketone	ND		ug/kg	1.59	0.409	A
Dieldrin	ND		ug/kg	0.992	0.496	A
4,4'-DDE	ND		ug/kg	1.59	0.367	A
4,4'-DDD	ND		ug/kg	1.59	0.566	A
4,4'-DDT	ND		ug/kg	2.98	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.375	A
Endosulfan II	ND		ug/kg	1.59	0.530	A
Endosulfan sulfate	ND		ug/kg	0.661	0.315	A
Methoxychlor	ND		ug/kg	2.98	0.926	A
Toxaphene	ND		ug/kg	29.8	8.33	A
cis-Chlordane	ND		ug/kg	1.98	0.553	A
trans-Chlordane	ND		ug/kg	1.98	0.524	A
Chlordane	ND		ug/kg	12.9	5.26	A

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/17/18 23:17
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 10/17/18 03:30
Cleanup Method: EPA 3620B
Cleanup Date: 10/17/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06-10 Batch: WG1168889-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	82		30-150	A

Project Name: ALEXANDER ST.
Project Number: 25720.01
Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/17/18 23:03
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 10/17/18 08:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03-05,13 Batch: WG1168976-1						
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: ALEXANDER ST.
Project Number: 25720.01
Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/17/18 23:03
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 10/17/18 08:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03-05,13 Batch: WG1168976-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/19/18 18:30
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 10/18/18 12:36

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02 Batch: WG1169664-1						
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: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/19/18 18:30
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 10/18/18 12:36

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02 Batch: WG1169664-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	69		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06-10 Batch: WG1168889-2 WG1168889-3									
Delta-BHC	87		92		30-150	6		30	A
Lindane	85		87		30-150	2		30	A
Alpha-BHC	84		87		30-150	4		30	A
Beta-BHC	89		91		30-150	2		30	A
Heptachlor	94		97		30-150	3		30	A
Aldrin	91		94		30-150	3		30	A
Heptachlor epoxide	77		80		30-150	4		30	A
Endrin	89		89		30-150	0		30	A
Endrin aldehyde	69		73		30-150	6		30	A
Endrin ketone	88		89		30-150	1		30	A
Dieldrin	91		92		30-150	1		30	A
4,4'-DDE	89		91		30-150	2		30	A
4,4'-DDD	85		85		30-150	0		30	A
4,4'-DDT	85		86		30-150	1		30	A
Endosulfan I	89		90		30-150	1		30	A
Endosulfan II	88		89		30-150	1		30	A
Endosulfan sulfate	80		81		30-150	1		30	A
Methoxychlor	92		94		30-150	2		30	A
cis-Chlordane	85		86		30-150	1		30	A
trans-Chlordane	85		87		30-150	2		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06-10 Batch: WG1168889-2 WG1168889-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		94		30-150	B
Decachlorobiphenyl	83		82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		89		30-150	A
Decachlorobiphenyl	84		81		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-05,13 Batch: WG1168976-2 WG1168976-3									
Delta-BHC	82		79		30-150	4		20	A
Lindane	75		71		30-150	5		20	A
Alpha-BHC	79		75		30-150	6		20	A
Beta-BHC	91		85		30-150	8		20	A
Heptachlor	76		72		30-150	6		20	A
Aldrin	72		69		30-150	4		20	A
Heptachlor epoxide	80		80		30-150	0		20	A
Endrin	81		78		30-150	4		20	A
Endrin aldehyde	80		68		30-150	16		20	A
Endrin ketone	87		79		30-150	9		20	A
Dieldrin	82		78		30-150	5		20	A
4,4'-DDE	80		77		30-150	4		20	A
4,4'-DDD	85		80		30-150	6		20	A
4,4'-DDT	85		77		30-150	9		20	A
Endosulfan I	76		73		30-150	4		20	A
Endosulfan II	79		75		30-150	6		20	A
Endosulfan sulfate	85		80		30-150	6		20	A
Methoxychlor	99		92		30-150	8		20	A
cis-Chlordane	65		65		30-150	1		20	A
trans-Chlordane	66		69		30-150	5		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-05,13 Batch: WG1168976-2 WG1168976-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		71		30-150	A
Decachlorobiphenyl	74		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		67		30-150	B
Decachlorobiphenyl	72		71		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG1169664-2 WG1169664-3									
Delta-BHC	81		97		30-150	18		20	A
Lindane	80		94		30-150	15		20	A
Alpha-BHC	109		111		30-150	2		20	A
Beta-BHC	93		98		30-150	5		20	A
Heptachlor	78		96		30-150	20		20	A
Aldrin	79		92		30-150	15		20	A
Heptachlor epoxide	86		99		30-150	14		20	A
Endrin	81		100		30-150	**21**	Q	20	A
Endrin aldehyde	63		76		30-150	18		20	A
Endrin ketone	87		104		30-150	18		20	A
Dieldrin	93		99		30-150	6		20	A
4,4'-DDE	79		94		30-150	17		20	A
4,4'-DDD	80		96		30-150	18		20	A
4,4'-DDT	81		106		30-150	**27**	Q	20	A
Endosulfan I	85		93		30-150	9		20	A
Endosulfan II	75		85		30-150	13		20	A
Endosulfan sulfate	76		88		30-150	14		20	A
Methoxychlor	93		119		30-150	**24**	Q	20	A
cis-Chlordane	74		85		30-150	14		20	A
trans-Chlordane	70		82		30-150	16		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG1169664-2 WG1169664-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		94		30-150	A
Decachlorobiphenyl	71		87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		79		30-150	B
Decachlorobiphenyl	67		75		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-05,13 QC Batch ID: WG1168976-4 WG1168976-5 QC Sample: L1841367-01 Client ID: GW-6													
Delta-BHC	ND	0.357	0.355	99		0.296	83		30-150	18		30	A
Lindane	ND	0.357	0.313	88		0.255	71		30-150	20		30	A
Alpha-BHC	ND	0.357	0.330	92		0.261	73		30-150	23		30	A
Beta-BHC	ND	0.357	0.372	104		0.302	85		30-150	21		30	A
Heptachlor	ND	0.357	0.320	90		0.255	71		30-150	23		30	A
Aldrin	ND	0.357	0.305	85		0.262	73		30-150	15		30	A
Heptachlor epoxide	ND	0.357	0.357	100		0.276	77		30-150	26		30	A
Endrin	ND	0.357	0.393	110		0.301	84		30-150	27		30	A
Endrin aldehyde	ND	0.357	0.381	107		0.294	82		30-150	26		30	A
Endrin ketone	ND	0.357	0.345	97		0.281	79		30-150	20		30	A
Dieldrin	ND	0.357	0.357	100		0.273	76		30-150	27		30	A
4,4'-DDE	ND	0.357	0.342	96		0.284	80		30-150	19		30	A
4,4'-DDD	0.012J	0.357	0.331	93		0.262	73		30-150	23		30	B
4,4'-DDT	ND	0.357	0.339	95		0.277	78		30-150	20		30	A
Endosulfan I	ND	0.357	0.368	103		0.257	72		30-150	**36**	Q	30	A
Endosulfan II	ND	0.357	0.321	90		0.263	74		30-150	20		30	A
Endosulfan sulfate	ND	0.357	0.350	98		0.270	76		30-150	26		30	A
Methoxychlor	ND	0.357	0.473	132		0.312	87		30-150	**41**	Q	30	A
cis-Chlordane	ND	0.357	0.308	86		0.253	71		30-150	20		30	A
trans-Chlordane	ND	0.357	0.290	81		0.234	66		30-150	21		30	A

Matrix Spike Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-05,13 QC Batch ID: WG1168976-4 WG1168976-5 QC Sample: L1841367-01 Client ID: GW-6												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*	*Column*
2,4,5,6-Tetrachloro-m-xylene	93		74		30-150	A
Decachlorobiphenyl	72		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		64		30-150	B
Decachlorobiphenyl	78		71		30-150	B

METALS

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-01 Date Collected: 10/11/18 08:00

Client ID: GW-6 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	1.15		mg/l	0.0100	0.00327	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Antimony, Total	0.00304	J	mg/l	0.00400	0.00042	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00577		mg/l	0.00050	0.00016	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Barium, Total	0.7059		mg/l	0.00050	0.00017	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00041		mg/l	0.00020	0.00005	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Calcium, Total	175.		mg/l	0.100	0.0394	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Chromium, Total	0.00708		mg/l	0.00100	0.00017	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Cobalt, Total	0.00228		mg/l	0.00050	0.00016	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Copper, Total	0.04942		mg/l	0.00100	0.00038	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Iron, Total	24.3		mg/l	0.0500	0.0191	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Lead, Total	0.4731		mg/l	0.00100	0.00034	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Magnesium, Total	55.3		mg/l	0.0700	0.0242	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Manganese, Total	1.188		mg/l	0.00100	0.00044	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Mercury, Total	0.00109		mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 15:59	EPA 7470A	1,7470A	MG
Nickel, Total	0.00307		mg/l	0.00200	0.00055	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Potassium, Total	24.6		mg/l	0.100	0.0309	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Sodium, Total	623.		mg/l	0.150	0.0293	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Thallium, Total	0.00023	J	mg/l	0.00050	0.00014	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Vanadium, Total	0.00571		mg/l	0.00500	0.00157	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
Zinc, Total	0.1472		mg/l	0.01000	0.00341	1	10/19/18 14:10	10/22/18 21:19	EPA 3005A	1,6020B	AM
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		10/22/18 21:19	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-01 Date Collected: 10/11/18 08:00

Client ID: GW-6 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0321	J	mg/l	0.0500	0.00327	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00194	J	mg/l	0.00400	0.00042	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00054		mg/l	0.00050	0.00016	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.5085		mg/l	0.00050	0.00017	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Calcium, Dissolved	168.		mg/l	0.100	0.0394	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00128		mg/l	0.00050	0.00016	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Iron, Dissolved	1.95		mg/l	0.0500	0.0191	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Lead, Dissolved	0.00048	J	mg/l	0.00100	0.00034	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	51.5		mg/l	0.0700	0.0242	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Manganese, Dissolved	1.122		mg/l	0.00100	0.00044	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/18/18 16:25	10/19/18 13:54	EPA 7470A	1,7470A	MG
Nickel, Dissolved	0.00064	J	mg/l	0.00200	0.00055	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Potassium, Dissolved	23.9		mg/l	0.100	0.0309	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Sodium, Dissolved	577.		mg/l	0.100	0.0293	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Thallium, Dissolved	0.00015	J	mg/l	0.00050	0.00014	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.01252		mg/l	0.01000	0.00341	1	10/19/18 15:30	10/23/18 09:36	EPA 3005A	1,6020B	AM

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-02 Date Collected: 10/11/18 10:50

Client ID: GW-8 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	4.53		mg/l	0.0100	0.00327	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Arsenic, Total	0.01301		mg/l	0.00050	0.00016	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Barium, Total	0.3208		mg/l	0.00050	0.00017	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00044	J	mg/l	0.00050	0.00010	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00018	J	mg/l	0.00020	0.00005	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Calcium, Total	92.3		mg/l	0.100	0.0394	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Chromium, Total	0.00779		mg/l	0.00100	0.00017	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Cobalt, Total	0.00353		mg/l	0.00050	0.00016	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Copper, Total	0.02585		mg/l	0.00100	0.00038	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Iron, Total	20.9		mg/l	0.0500	0.0191	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Lead, Total	0.1873		mg/l	0.00100	0.00034	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Magnesium, Total	13.7		mg/l	0.0700	0.0242	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Manganese, Total	0.4964		mg/l	0.00100	0.00044	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Mercury, Total	0.00105		mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 16:29	EPA 7470A	1,7470A	MG
Nickel, Total	0.00953		mg/l	0.00200	0.00055	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Potassium, Total	14.4		mg/l	0.100	0.0309	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Silver, Total	0.00050		mg/l	0.00040	0.00016	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Sodium, Total	96.5		mg/l	0.150	0.0293	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Vanadium, Total	0.01926		mg/l	0.00500	0.00157	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
Zinc, Total	0.08273		mg/l	0.01000	0.00341	1	10/19/18 14:10	10/22/18 23:23	EPA 3005A	1,6020B	AM
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		10/22/18 23:23	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-02 Date Collected: 10/11/18 10:50

Client ID: GW-8 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0161	J	mg/l	0.0500	0.00327	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00160	J	mg/l	0.00400	0.00042	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00227		mg/l	0.00050	0.00016	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.1539		mg/l	0.00050	0.00017	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Calcium, Dissolved	71.9		mg/l	0.100	0.0394	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00051		mg/l	0.00050	0.00016	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.593		mg/l	0.0500	0.0191	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Lead, Dissolved	0.00047	J	mg/l	0.00100	0.00034	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	10.3		mg/l	0.0700	0.0242	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.3413		mg/l	0.00100	0.00044	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/18/18 16:25	10/19/18 14:02	EPA 7470A	1,7470A	MG
Nickel, Dissolved	0.00475		mg/l	0.00200	0.00055	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Potassium, Dissolved	10.7		mg/l	0.100	0.0309	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Sodium, Dissolved	75.6		mg/l	0.100	0.0293	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Thallium, Dissolved	0.00015	J	mg/l	0.00050	0.00014	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/19/18 15:30	10/23/18 10:36	EPA 3005A	1,6020B	AM

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-03 Date Collected: 10/11/18 11:30

Client ID: GW-9 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	1.72		mg/l	0.0100	0.00327	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Antimony, Total	0.00166	J	mg/l	0.00400	0.00042	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00901		mg/l	0.00050	0.00016	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Barium, Total	0.3278		mg/l	0.00050	0.00017	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00015	J	mg/l	0.00050	0.00010	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00061		mg/l	0.00020	0.00005	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Calcium, Total	80.8		mg/l	0.100	0.0394	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Chromium, Total	0.00845		mg/l	0.00100	0.00017	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Cobalt, Total	0.00384		mg/l	0.00050	0.00016	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Copper, Total	0.01918		mg/l	0.00100	0.00038	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Iron, Total	33.8		mg/l	0.0500	0.0191	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Lead, Total	1.373		mg/l	0.00100	0.00034	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Magnesium, Total	15.3		mg/l	0.0700	0.0242	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Manganese, Total	0.6757		mg/l	0.00100	0.00044	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Mercury, Total	0.00051		mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 16:30	EPA 7470A	1,7470A	MG
Nickel, Total	0.00781		mg/l	0.00200	0.00055	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Potassium, Total	7.33		mg/l	0.100	0.0309	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Sodium, Total	158.		mg/l	0.150	0.0293	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Vanadium, Total	0.01027		mg/l	0.00500	0.00157	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
Zinc, Total	0.2724		mg/l	0.01000	0.00341	1	10/19/18 14:10	10/22/18 23:27	EPA 3005A	1,6020B	AM
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		10/22/18 23:27	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-03 Date Collected: 10/11/18 11:30

Client ID: GW-9 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0227	J	mg/l	0.0500	0.00327	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00081	J	mg/l	0.00400	0.00042	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00100		mg/l	0.00050	0.00016	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.1654		mg/l	0.00050	0.00017	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Calcium, Dissolved	62.3		mg/l	0.100	0.0394	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00083		mg/l	0.00050	0.00016	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Iron, Dissolved	1.23		mg/l	0.0500	0.0191	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Lead, Dissolved	0.00084	J	mg/l	0.00100	0.00034	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	8.73		mg/l	0.0700	0.0242	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.4713		mg/l	0.00100	0.00044	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/18/18 16:25	10/19/18 14:04	EPA 7470A	1,7470A	MG
Nickel, Dissolved	0.00302		mg/l	0.00200	0.00055	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Potassium, Dissolved	6.59		mg/l	0.100	0.0309	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Sodium, Dissolved	127.		mg/l	0.100	0.0293	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/19/18 15:30	10/23/18 10:40	EPA 3005A	1,6020B	AM

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-04 Date Collected: 10/11/18 12:30

Client ID: GW-10 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	16.6		mg/l	0.0100	0.00327	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Arsenic, Total	0.01700		mg/l	0.00050	0.00016	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Barium, Total	0.7001		mg/l	0.00050	0.00017	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00127		mg/l	0.00050	0.00010	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00063		mg/l	0.00020	0.00005	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Calcium, Total	115.		mg/l	0.100	0.0394	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Chromium, Total	0.07953		mg/l	0.00100	0.00017	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Cobalt, Total	0.02442		mg/l	0.00050	0.00016	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Copper, Total	0.1246		mg/l	0.00100	0.00038	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Iron, Total	76.3		mg/l	0.0500	0.0191	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Lead, Total	0.9454		mg/l	0.00100	0.00034	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Magnesium, Total	43.9		mg/l	0.0700	0.0242	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Manganese, Total	1.951		mg/l	0.00100	0.00044	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Mercury, Total	0.00640		mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 16:32	EPA 7470A	1,7470A	MG
Nickel, Total	0.04722		mg/l	0.00200	0.00055	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Potassium, Total	16.6		mg/l	0.100	0.0309	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Selenium, Total	0.00336	J	mg/l	0.00500	0.00173	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Sodium, Total	186.		mg/l	0.150	0.0293	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Thallium, Total	0.00040	J	mg/l	0.00050	0.00014	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Vanadium, Total	0.09007		mg/l	0.00500	0.00157	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
Zinc, Total	0.2890		mg/l	0.01000	0.00341	1	10/19/18 14:10	10/22/18 23:32	EPA 3005A	1,6020B	AM
General Chemistry - Mansfield Lab											
Chromium, Trivalent	0.079		mg/l	0.010	0.010	1		10/22/18 23:32	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-04 Date Collected: 10/11/18 12:30

Client ID: GW-10 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00798	J	mg/l	0.0500	0.00327	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00099	J	mg/l	0.00400	0.00042	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00242		mg/l	0.00050	0.00016	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.1972		mg/l	0.00050	0.00017	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Calcium, Dissolved	91.0		mg/l	0.100	0.0394	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00022	J	mg/l	0.00100	0.00017	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00143		mg/l	0.00050	0.00016	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Iron, Dissolved	2.82		mg/l	0.0500	0.0191	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	27.3		mg/l	0.0700	0.0242	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.4872		mg/l	0.00100	0.00044	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/18/18 16:25	10/19/18 14:06	EPA 7470A	1,7470A	MG
Nickel, Dissolved	0.00363		mg/l	0.00200	0.00055	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Potassium, Dissolved	15.2		mg/l	0.100	0.0309	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Sodium, Dissolved	176.		mg/l	0.100	0.0293	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/19/18 15:30	10/23/18 10:45	EPA 3005A	1,6020B	AM

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-05 Date Collected: 10/11/18 08:30

Client ID: GW-7 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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	0.264		mg/l	0.0100	0.00327	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Antimony, Total	0.00116	J	mg/l	0.00400	0.00042	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Arsenic, Total	0.01140		mg/l	0.00050	0.00016	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Barium, Total	0.2158		mg/l	0.00050	0.00017	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00099		mg/l	0.00020	0.00005	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Calcium, Total	64.8		mg/l	0.100	0.0394	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Chromium, Total	0.00175		mg/l	0.00100	0.00017	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Cobalt, Total	0.00146		mg/l	0.00050	0.00016	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Copper, Total	0.00864		mg/l	0.00100	0.00038	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Iron, Total	24.7		mg/l	0.0500	0.0191	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Lead, Total	0.7189		mg/l	0.00100	0.00034	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Magnesium, Total	13.5		mg/l	0.0700	0.0242	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Manganese, Total	0.4499		mg/l	0.00100	0.00044	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Mercury, Total	0.00180		mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 16:37	EPA 7470A	1,7470A	MG
Nickel, Total	0.00400		mg/l	0.00200	0.00055	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Potassium, Total	18.7		mg/l	0.100	0.0309	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Sodium, Total	67.3		mg/l	0.100	0.0293	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Vanadium, Total	0.00310	J	mg/l	0.00500	0.00157	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
Zinc, Total	0.2255		mg/l	0.01000	0.00341	1	10/19/18 19:23	10/23/18 11:48	EPA 3005A	1,6020B	AM
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		10/23/18 11:48	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-05 Date Collected: 10/11/18 08:30

Client ID: GW-7 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, 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
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00887	J	mg/l	0.0500	0.00327	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00064	J	mg/l	0.00400	0.00042	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00180		mg/l	0.00050	0.00016	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.06347		mg/l	0.00050	0.00017	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Calcium, Dissolved	63.0		mg/l	0.100	0.0394	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00026	J	mg/l	0.00100	0.00017	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00036	J	mg/l	0.00050	0.00016	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.889		mg/l	0.0500	0.0191	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	13.1		mg/l	0.0700	0.0242	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.3835		mg/l	0.00100	0.00044	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/18/18 16:25	10/19/18 14:07	EPA 7470A	1,7470A	MG
Nickel, Dissolved	0.00225		mg/l	0.00200	0.00055	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Potassium, Dissolved	19.4		mg/l	0.100	0.0309	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Sodium, Dissolved	69.5		mg/l	0.100	0.0293	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/19/18 15:30	10/23/18 10:49	EPA 3005A	1,6020B	AM

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-06 Date Collected: 10/11/18 09:00

Client ID: B-13 (5-6) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 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											
Aluminum, Total	4660		mg/kg	9.04	2.44	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Antimony, Total	1.15	J	mg/kg	4.52	0.343	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Arsenic, Total	6.54		mg/kg	0.904	0.188	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Barium, Total	42.6		mg/kg	0.904	0.157	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Beryllium, Total	0.163	J	mg/kg	0.452	0.030	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Cadmium, Total	ND		mg/kg	0.904	0.089	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Calcium, Total	986		mg/kg	9.04	3.16	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Chromium, Total	13.2		mg/kg	0.904	0.087	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Cobalt, Total	13.2		mg/kg	1.81	0.150	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Copper, Total	216		mg/kg	0.904	0.233	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Iron, Total	39600		mg/kg	4.52	0.816	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Lead, Total	37.2		mg/kg	4.52	0.242	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Magnesium, Total	1450		mg/kg	9.04	1.39	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Manganese, Total	702		mg/kg	0.904	0.144	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Mercury, Total	0.082		mg/kg	0.075	0.016	1	10/18/18 09:00	10/18/18 12:45	EPA 7471B	1,7471B	MG
Nickel, Total	17.6		mg/kg	2.26	0.219	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Potassium, Total	522		mg/kg	226	13.0	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Selenium, Total	0.614	J	mg/kg	1.81	0.233	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Silver, Total	ND		mg/kg	0.904	0.256	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Sodium, Total	86.6	J	mg/kg	181	2.85	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Thallium, Total	ND		mg/kg	1.81	0.285	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Vanadium, Total	24.5		mg/kg	0.904	0.183	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
Zinc, Total	73.2		mg/kg	4.52	0.265	2	10/18/18 19:00	10/19/18 21:29	EPA 3050B	1,6010D	PE
General Chemistry - Mansfield Lab											
Chromium, Trivalent	13		mg/kg	0.96	0.96	1		10/19/18 21:29	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-07 Date Collected: 10/11/18 09:50

Client ID: B-11 (5-7) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 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											
Aluminum, Total	6090		mg/kg	9.04	2.44	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Antimony, Total	0.732	J	mg/kg	4.52	0.343	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Arsenic, Total	9.35		mg/kg	0.904	0.188	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Barium, Total	32.9		mg/kg	0.904	0.157	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Beryllium, Total	0.262	J	mg/kg	0.452	0.030	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Cadmium, Total	ND		mg/kg	0.904	0.089	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Calcium, Total	4070		mg/kg	9.04	3.16	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Chromium, Total	15.2		mg/kg	0.904	0.087	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Cobalt, Total	11.4		mg/kg	1.81	0.150	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Copper, Total	32.3		mg/kg	0.904	0.233	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Iron, Total	42000		mg/kg	4.52	0.816	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Lead, Total	23.1		mg/kg	4.52	0.242	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Magnesium, Total	2390		mg/kg	9.04	1.39	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Manganese, Total	453		mg/kg	0.904	0.144	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Mercury, Total	1.86		mg/kg	0.073	0.015	1	10/18/18 09:00	10/18/18 12:50	EPA 7471B	1,7471B	MG
Nickel, Total	26.3		mg/kg	2.26	0.219	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Potassium, Total	636		mg/kg	226	13.0	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Selenium, Total	0.461	J	mg/kg	1.81	0.233	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Silver, Total	ND		mg/kg	0.904	0.256	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Sodium, Total	184		mg/kg	181	2.85	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Thallium, Total	ND		mg/kg	1.81	0.285	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Vanadium, Total	33.4		mg/kg	0.904	0.183	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
Zinc, Total	37.3		mg/kg	4.52	0.265	2	10/18/18 19:00	10/19/18 21:55	EPA 3050B	1,6010D	PE
General Chemistry - Mansfield Lab											
Chromium, Trivalent	15		mg/kg	0.92	0.92	1		10/19/18 21:55	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-08 Date Collected: 10/11/18 10:45

Client ID: B-14 (6-7) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 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											
Aluminum, Total	9270		mg/kg	8.80	2.38	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Antimony, Total	ND		mg/kg	4.40	0.334	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Arsenic, Total	2.90		mg/kg	0.880	0.183	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Barium, Total	35.0		mg/kg	0.880	0.153	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Beryllium, Total	0.361	J	mg/kg	0.440	0.029	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Cadmium, Total	ND		mg/kg	0.880	0.086	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Calcium, Total	1040		mg/kg	8.80	3.08	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Chromium, Total	14.4		mg/kg	0.880	0.085	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Cobalt, Total	6.34		mg/kg	1.76	0.146	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Copper, Total	13.7		mg/kg	0.880	0.227	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Iron, Total	15600		mg/kg	4.40	0.795	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Lead, Total	22.9		mg/kg	4.40	0.236	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Magnesium, Total	2460		mg/kg	8.80	1.36	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Manganese, Total	288		mg/kg	0.880	0.140	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Mercury, Total	0.138		mg/kg	0.072	0.015	1	10/18/18 09:00	10/18/18 11:43	EPA 7471B	1,7471B	MG
Nickel, Total	12.4		mg/kg	2.20	0.213	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Potassium, Total	598		mg/kg	220	12.7	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Selenium, Total	ND		mg/kg	1.76	0.227	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Silver, Total	ND		mg/kg	0.880	0.249	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Sodium, Total	62.3	J	mg/kg	176	2.77	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Thallium, Total	ND		mg/kg	1.76	0.277	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Vanadium, Total	19.0		mg/kg	0.880	0.179	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
Zinc, Total	32.6		mg/kg	4.40	0.258	2	10/18/18 19:00	10/19/18 21:13	EPA 3050B	1,6010D	PE
General Chemistry - Mansfield Lab											
Chromium, Trivalent	14		mg/kg	0.90	0.90	1		10/19/18 21:13	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-09 Date Collected: 10/11/18 11:15

Client ID: B-12 (5-7) Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 46%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3070		mg/kg	17.1	4.63	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Antimony, Total	1.59	J	mg/kg	8.57	0.652	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Arsenic, Total	11.3		mg/kg	1.71	0.357	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Barium, Total	36.2		mg/kg	1.71	0.298	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Beryllium, Total	0.137	J	mg/kg	0.857	0.057	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Cadmium, Total	ND		mg/kg	1.71	0.168	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Calcium, Total	88900		mg/kg	17.1	6.00	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Chromium, Total	8.74		mg/kg	1.71	0.164	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Cobalt, Total	4.77		mg/kg	3.43	0.285	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Copper, Total	40.9		mg/kg	1.71	0.442	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Iron, Total	27700		mg/kg	8.57	1.55	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Lead, Total	366		mg/kg	8.57	0.459	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Magnesium, Total	42800		mg/kg	17.1	2.64	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Manganese, Total	214		mg/kg	1.71	0.273	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Mercury, Total	0.308		mg/kg	0.135	0.029	1	10/18/18 09:00	10/18/18 12:53	EPA 7471B	1,7471B	MG
Nickel, Total	10.0		mg/kg	4.29	0.415	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Potassium, Total	467		mg/kg	429	24.7	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Selenium, Total	0.960	J	mg/kg	3.43	0.442	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Silver, Total	ND		mg/kg	1.71	0.485	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Sodium, Total	280	J	mg/kg	343	5.40	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Thallium, Total	ND		mg/kg	3.43	0.540	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Vanadium, Total	16.0		mg/kg	1.71	0.348	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
Zinc, Total	37.9		mg/kg	8.57	0.502	2	10/18/18 19:00	10/19/18 21:59	EPA 3050B	1,6010D	PE
General Chemistry - Mansfield Lab											
Chromium, Trivalent	8.7		mg/kg	1.7	1.7	1		10/19/18 21:59	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-10 Date Collected: 10/11/18 00:00

Client ID: SS-DUP-1 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 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											
Aluminum, Total	8300		mg/kg	8.30	2.24	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Antimony, Total	ND		mg/kg	4.15	0.316	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Arsenic, Total	2.28		mg/kg	0.830	0.173	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Barium, Total	55.5		mg/kg	0.830	0.144	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Beryllium, Total	0.232	J	mg/kg	0.415	0.027	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Cadmium, Total	ND		mg/kg	0.830	0.081	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Calcium, Total	1630		mg/kg	8.30	2.91	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Chromium, Total	46.6		mg/kg	0.830	0.080	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Cobalt, Total	8.44		mg/kg	1.66	0.138	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Copper, Total	16.8		mg/kg	0.830	0.214	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Iron, Total	14300		mg/kg	4.15	0.750	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Lead, Total	5.49		mg/kg	4.15	0.222	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Magnesium, Total	2430		mg/kg	8.30	1.28	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Manganese, Total	82.1		mg/kg	0.830	0.132	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Mercury, Total	ND		mg/kg	0.070	0.015	1	10/18/18 09:00	10/18/18 12:54	EPA 7471B	1,7471B	MG
Nickel, Total	16.6		mg/kg	2.08	0.201	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Potassium, Total	447		mg/kg	208	12.0	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Selenium, Total	ND		mg/kg	1.66	0.214	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Silver, Total	ND		mg/kg	0.830	0.235	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Sodium, Total	245		mg/kg	166	2.62	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Thallium, Total	ND		mg/kg	1.66	0.262	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Vanadium, Total	37.7		mg/kg	0.830	0.168	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
Zinc, Total	25.1		mg/kg	4.15	0.243	2	10/18/18 19:00	10/19/18 22:03	EPA 3050B	1,6010D	PE
General Chemistry - Mansfield Lab											
Chromium, Trivalent	47		mg/kg	0.89	0.89	1		10/19/18 22:03	NA	107,-	

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-11 Date Collected: 10/11/18 13:45

Client ID: SD-1 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.59		mg/kg	0.471	0.098	1	10/18/18 19:00	10/19/18 22:45	EPA 3050B	1,6010D	PE
Barium, Total	33.7		mg/kg	0.471	0.082	1	10/18/18 19:00	10/19/18 22:45	EPA 3050B	1,6010D	PE
Cadmium, Total	1.26		mg/kg	0.471	0.046	1	10/18/18 19:00	10/19/18 22:45	EPA 3050B	1,6010D	PE
Chromium, Total	10.2		mg/kg	0.471	0.045	1	10/18/18 19:00	10/19/18 22:45	EPA 3050B	1,6010D	PE
Lead, Total	35.6		mg/kg	2.35	0.126	1	10/18/18 19:00	10/19/18 22:45	EPA 3050B	1,6010D	PE
Mercury, Total	0.019	J	mg/kg	0.079	0.017	1	10/18/18 09:00	10/18/18 12:56	EPA 7471B	1,7471B	MG
Selenium, Total	ND		mg/kg	0.941	0.121	1	10/18/18 19:00	10/19/18 22:45	EPA 3050B	1,6010D	PE
Silver, Total	0.391	J	mg/kg	0.471	0.133	1	10/18/18 19:00	10/19/18 22:45	EPA 3050B	1,6010D	PE

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-12 Date Collected: 10/11/18 14:00

Client ID: SD-2 Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY 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	1.94		mg/kg	0.442	0.092	1	10/18/18 19:00	10/19/18 22:50	EPA 3050B	1,6010D	PE
Barium, Total	17.9		mg/kg	0.442	0.077	1	10/18/18 19:00	10/19/18 22:50	EPA 3050B	1,6010D	PE
Cadmium, Total	0.354	J	mg/kg	0.442	0.043	1	10/18/18 19:00	10/19/18 22:50	EPA 3050B	1,6010D	PE
Chromium, Total	4.85		mg/kg	0.442	0.042	1	10/18/18 19:00	10/19/18 22:50	EPA 3050B	1,6010D	PE
Lead, Total	13.8		mg/kg	2.21	0.118	1	10/18/18 19:00	10/19/18 22:50	EPA 3050B	1,6010D	PE
Mercury, Total	0.043	J	mg/kg	0.073	0.015	1	10/18/18 09:00	10/18/18 12:58	EPA 7471B	1,7471B	MG
Selenium, Total	ND		mg/kg	0.884	0.114	1	10/18/18 19:00	10/19/18 22:50	EPA 3050B	1,6010D	PE
Silver, Total	ND		mg/kg	0.442	0.125	1	10/18/18 19:00	10/19/18 22:50	EPA 3050B	1,6010D	PE

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-13 Date Collected: 10/11/18 13:00

Client ID: FIELD BLANK Date Received: 10/11/18

Sample Location: 57 ALEXANDER ST., YONKERS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00432	J	mg/l	0.0100	0.00327	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Barium, Total	0.00064		mg/l	0.00050	0.00017	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Calcium, Total	0.331		mg/l	0.100	0.0394	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Chromium, Total	0.00033	J	mg/l	0.00100	0.00017	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Copper, Total	0.00094	J	mg/l	0.00100	0.00038	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 16:39	EPA 7470A	1,7470A	MG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Sodium, Total	0.148		mg/l	0.100	0.0293	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/19/18 19:23	10/23/18 11:25	EPA 3005A	1,6020B	AM
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		10/23/18 11:25	NA	107,-	

Project Name: ALEXANDER ST.
Lab Number: L1841367
Project Number: 25720.01
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-13
Client ID: FIELD BLANK
Sample Location: 57 ALEXANDER ST., YONKERS, NY
Date Collected: 10/11/18 13:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0114	J	mg/l	0.0500	0.00327	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00056	J	mg/l	0.00400	0.00042	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.00213		mg/l	0.00050	0.00017	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Calcium, Dissolved	0.424		mg/l	0.100	0.0394	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00193		mg/l	0.00100	0.00038	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	0.0972		mg/l	0.0700	0.0242	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.00230		mg/l	0.00100	0.00044	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/18/18 16:25	10/19/18 14:09	EPA 7470A	1,7470A	MG
Nickel, Dissolved	0.00163	J	mg/l	0.00200	0.00055	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Potassium, Dissolved	0.0713	J	mg/l	0.100	0.0309	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Sodium, Dissolved	1.01		mg/l	0.100	0.0293	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/19/18 15:30	10/23/18 10:27	EPA 3005A	1,6020B	AM

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

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): 01-05,13 Batch: WG1168703-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	10/16/18 16:00	10/17/18 15:56	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06-12 Batch: WG1169441-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	10/18/18 09:00	10/18/18 11:35	1,7471B	MG

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): 01-04 Batch: WG1169674-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

Method Blank Analysis
Batch Quality Control

Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Sodium, Total	0.0733	J	mg/l	0.150	0.0293	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/19/18 14:10	10/22/18 21:10	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-05,13 Batch: WG1169751-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/18/18 16:25	10/19/18 13:50	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06-12 Batch: WG1169787-1										
Aluminum, Total	2.22	J	mg/kg	4.00	1.08	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Barium, Total	ND		mg/kg	0.400	0.070	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/18/18 19:00	10/20/18 11:47	1,6010D	PE
Chromium, Total	0.040	J	mg/kg	0.400	0.038	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Copper, Total	ND		mg/kg	0.400	0.103	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Iron, Total	ND		mg/kg	2.00	0.361	1	10/18/18 19:00	10/20/18 11:47	1,6010D	PE
Lead, Total	ND		mg/kg	2.00	0.107	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/18/18 19:00	10/20/18 11:47	1,6010D	PE
Manganese, Total	0.152	J	mg/kg	0.400	0.064	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

Method Blank Analysis
Batch Quality Control

Nickel, Total	ND		mg/kg	1.00	0.097	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Potassium, Total	ND		mg/kg	100	5.76	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Silver, Total	ND		mg/kg	0.400	0.113	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Sodium, Total	2.32	J	mg/kg	80.0	1.26	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE
Zinc, Total	0.172	J	mg/kg	2.00	0.117	1	10/18/18 19:00	10/19/18 21:04	1,6010D	PE

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-05,13 Batch: WG1170207-1										
Aluminum, Dissolved	0.0491	J	mg/l	0.0500	0.00327	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Antimony, Dissolved	0.00047	J	mg/l	0.00400	0.00042	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Iron, Dissolved	0.0220	J	mg/l	0.0500	0.0191	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM

Project Name: ALEXANDER ST. **Lab Number:** L1841367

Project Number: 25720.01 **Report Date:** 10/25/18

Method Blank Analysis
Batch Quality Control

Zinc, Dissolved	ND	mg/l	0.01000	0.00341	1	10/19/18 15:30	10/23/18 09:27	1,6020B	AM

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): 05,13 Batch: WG1170251-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/19/18 19:23	10/23/18 10:22	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,13 Batch: WG1168703-2								
Mercury, Total	110		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 06-12 Batch: WG1169441-2 SRM Lot Number: D102-540								
Mercury, Total	100		-		65-134	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1169674-2					
Aluminum, Total	108	-	80-120	-	
Antimony, Total	99	-	80-120	-	
Arsenic, Total	108	-	80-120	-	
Barium, Total	105	-	80-120	-	
Beryllium, Total	110	-	80-120	-	
Cadmium, Total	118	-	80-120	-	
Calcium, Total	110	-	80-120	-	
Chromium, Total	105	-	80-120	-	
Cobalt, Total	109	-	80-120	-	
Copper, Total	106	-	80-120	-	
Iron, Total	103	-	80-120	-	
Lead, Total	106	-	80-120	-	
Magnesium, Total	109	-	80-120	-	
Manganese, Total	105	-	80-120	-	
Nickel, Total	110	-	80-120	-	
Potassium, Total	108	-	80-120	-	
Selenium, Total	118	-	80-120	-	
Silver, Total	107	-	80-120	-	
Sodium, Total	112	-	80-120	-	
Thallium, Total	102	-	80-120	-	
Vanadium, Total	109	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1169674-2					
Zinc, Total	118	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05,13 Batch: WG1169751-2					
Mercury, Dissolved	90	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-12 Batch: WG1169787-2 SRM Lot Number: D102-540					
Aluminum, Total	60	-	49-150	-	
Antimony, Total	140	-	1-199	-	
Arsenic, Total	91	-	83-117	-	
Barium, Total	93	-	83-118	-	
Beryllium, Total	91	-	83-116	-	
Cadmium, Total	96	-	83-118	-	
Calcium, Total	84	-	82-118	-	
Chromium, Total	88	-	83-117	-	
Cobalt, Total	90	-	84-116	-	
Copper, Total	92	-	84-116	-	
Iron, Total	78	-	61-139	-	
Lead, Total	89	-	82-118	-	
Magnesium, Total	79	-	76-124	-	
Manganese, Total	96	-	82-118	-	
Nickel, Total	89	-	83-117	-	
Potassium, Total	76	-	70-130	-	
Selenium, Total	92	-	79-121	-	
Silver, Total	93	-	80-120	-	
Sodium, Total	98	-	74-126	-	
Thallium, Total	97	-	81-119	-	
Vanadium, Total	90	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-12 Batch: WG1169787-2 SRM Lot Number: D102-540					
Zinc, Total	88	-	81-118	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05,13 Batch: WG1170207-2					
Aluminum, Dissolved	107	-	80-120	-	
Antimony, Dissolved	104	-	80-120	-	
Arsenic, Dissolved	108	-	80-120	-	
Barium, Dissolved	107	-	80-120	-	
Beryllium, Dissolved	110	-	80-120	-	
Cadmium, Dissolved	113	-	80-120	-	
Calcium, Dissolved	109	-	80-120	-	
Chromium, Dissolved	100	-	80-120	-	
Cobalt, Dissolved	101	-	80-120	-	
Copper, Dissolved	101	-	80-120	-	
Iron, Dissolved	115	-	80-120	-	
Lead, Dissolved	110	-	80-120	-	
Magnesium, Dissolved	106	-	80-120	-	
Manganese, Dissolved	102	-	80-120	-	
Nickel, Dissolved	101	-	80-120	-	
Potassium, Dissolved	105	-	80-120	-	
Selenium, Dissolved	112	-	80-120	-	
Silver, Dissolved	100	-	80-120	-	
Sodium, Dissolved	97	-	80-120	-	
Thallium, Dissolved	107	-	80-120	-	
Vanadium, Dissolved	102	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05,13 Batch: WG1170207-2					
Zinc, Dissolved	113	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05,13 Batch: WG1170251-2					
Aluminum, Total	110	-	80-120	-	
Antimony, Total	103	-	80-120	-	
Arsenic, Total	110	-	80-120	-	
Barium, Total	108	-	80-120	-	
Beryllium, Total	113	-	80-120	-	
Cadmium, Total	114	-	80-120	-	
Calcium, Total	104	-	80-120	-	
Chromium, Total	104	-	80-120	-	
Cobalt, Total	104	-	80-120	-	
Copper, Total	103	-	80-120	-	
Iron, Total	112	-	80-120	-	
Lead, Total	110	-	80-120	-	
Magnesium, Total	107	-	80-120	-	
Manganese, Total	104	-	80-120	-	
Nickel, Total	104	-	80-120	-	
Potassium, Total	103	-	80-120	-	
Selenium, Total	110	-	80-120	-	
Silver, Total	107	-	80-120	-	
Sodium, Total	99	-	80-120	-	
Thallium, Total	106	-	80-120	-	
Vanadium, Total	104	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05,13 Batch: WG1170251-2					
Zinc, Total	113	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

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): 01-05,13 QC Batch ID: WG1168703-3 WG1168703-4 QC Sample: L1841367-01 Client ID: GW-6												
Mercury, Total	0.00109	0.005	0.00626	103		0.00609	100		75-125	3		20
Total Metals - Mansfield Lab Associated sample(s): 06-12 QC Batch ID: WG1169441-3 WG1169441-4 QC Sample: L1841367-08 Client ID: B-14 (6-7)												
Mercury, Total	0.138	0.141	0.282	102		0.327	**134**	Q	80-120	15		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

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): 01-04 QC Batch ID: WG1169674-3 WG1169674-4 QC Sample: L1841367-01 Client ID: GW-6											
Aluminum, Total	1.15	2	3.75	**130**	Q	3.73	**129**	Q	75-125	1	20
Antimony, Total	0.00304J	0.5	0.5604	112		0.5495	110		75-125	2	20
Arsenic, Total	0.00577	0.12	0.1397	112		0.1404	112		75-125	0	20
Barium, Total	0.7059	2	2.863	108		2.813	105		75-125	2	20
Beryllium, Total	ND	0.05	0.05549	111		0.05496	110		75-125	1	20
Cadmium, Total	0.00041	0.051	0.05972	116		0.05824	113		75-125	3	20
Calcium, Total	175.	10	204	**290**	Q	202	**270**	Q	75-125	1	20
Chromium, Total	0.00708	0.2	0.2184	106		0.2208	107		75-125	1	20
Cobalt, Total	0.00228	0.5	0.5449	108		0.5483	109		75-125	1	20
Copper, Total	0.04942	0.25	0.3148	106		0.3084	104		75-125	2	20
Iron, Total	24.3	1	26.0	**170**	Q	25.8	**150**	Q	75-125	1	20
Lead, Total	0.4731	0.51	1.003	104		0.8670	77		75-125	15	20
Magnesium, Total	55.3	10	65.8	105		65.4	101		75-125	1	20
Manganese, Total	1.188	0.5	1.746	112		1.758	114		75-125	1	20
Nickel, Total	0.00307	0.5	0.5426	108		0.5396	107		75-125	1	20
Potassium, Total	24.6	10	37.9	**133**	Q	37.4	**128**	Q	75-125	1	20
Selenium, Total	ND	0.12	0.133	111		0.131	109		75-125	2	20
Silver, Total	ND	0.05	0.05426	108		0.05315	106		75-125	2	20
Sodium, Total	623.	10	671	**480**	Q	667	**440**	Q	75-125	1	20
Thallium, Total	0.00023J	0.12	0.1360	113		0.1207	100		75-125	12	20
Vanadium, Total	0.00571	0.5	0.5562	110		0.5509	109		75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

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): 01-04 QC Batch ID: WG1169674-3 WG1169674-4 QC Sample: L1841367-01 Client ID: GW-6									
Zinc, Total	0.1472	0.5	0.7400	118	0.7282	116	75-125	2	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05,13 QC Batch ID: WG1169751-3 WG1169751-4 QC Sample: L1841367-01 Client ID: GW-6									
Mercury, Dissolved	ND	0.005	0.00472	94	0.00431	86	75-125	9	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

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): 06-12 QC Batch ID: WG1169787-3 WG1169787-4 QC Sample: L1841367-08 Client ID: B-14 (6-7)												
Aluminum, Total	9270	174	8940	**0**	Q	8930	**0**	Q	75-125	0		20
Antimony, Total	ND	43.5	38.5	88		39.3	90		75-125	2		20
Arsenic, Total	2.90	10.4	13.4	100		12.8	94		75-125	5		20
Barium, Total	35.0	174	215	103		217	104		75-125	1		20
Beryllium, Total	0.361J	4.35	4.33	100		4.44	101		75-125	3		20
Cadmium, Total	ND	4.44	4.10	92		4.15	93		75-125	1		20
Calcium, Total	1040	870	2540	**172**	Q	2270	**140**	Q	75-125	11		20
Chromium, Total	14.4	17.4	29.7	88		29.4	86		75-125	1		20
Cobalt, Total	6.34	43.5	44.3	87		44.3	87		75-125	0		20
Copper, Total	13.7	21.8	39.2	117		35.3	98		75-125	10		20
Iron, Total	15600	87	16500	**1030**	Q	16400	**913**	Q	75-125	1		20
Lead, Total	22.9	44.4	129	**239**	Q	72.3	110		75-125	**56**	Q	20
Magnesium, Total	2460	870	3610	**132**	Q	3340	100		75-125	8		20
Manganese, Total	288.	43.5	321	76		450	**370**	Q	75-125	**33**	Q	20
Nickel, Total	12.4	43.5	50.8	88		49.8	85		75-125	2		20
Potassium, Total	598.	870	1470	100		1460	98		75-125	1		20
Selenium, Total	ND	10.4	9.61	92		10.1	96		75-125	5		20
Silver, Total	ND	26.1	25.7	98		26.1	99		75-125	2		20
Sodium, Total	62.3J	870	922	106		938	107		75-125	2		20
Thallium, Total	ND	10.4	8.42	81		8.50	81		75-125	1		20
Vanadium, Total	19.0	43.5	59.4	93		59.8	93		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

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): 06-12 QC Batch ID: WG1169787-3 WG1169787-4 QC Sample: L1841367-08 Client ID: B-14 (6-7)									
Zinc, Total	32.6	43.5	82.8	115	74.2	95	75-125	11	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

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): 01-05,13 QC Batch ID: WG1170207-3 WG1170207-4 QC Sample: L1841367-01 Client ID: GW-6											
Aluminum, Dissolved	0.0321J	2	2.10	105		2.10	105		75-125	0	20
Antimony, Dissolved	0.00194J	0.5	0.5501	110		0.5471	109		75-125	1	20
Arsenic, Dissolved	0.00054	0.12	0.1279	106		0.1266	105		75-125	1	20
Barium, Dissolved	0.5085	2	2.564	103		2.555	102		75-125	0	20
Beryllium, Dissolved	ND	0.05	0.05292	106		0.05219	104		75-125	1	20
Cadmium, Dissolved	ND	0.051	0.05715	112		0.05614	110		75-125	2	20
Calcium, Dissolved	168.	10	186	**180**	Q	183	**150**	Q	75-125	2	20
Chromium, Dissolved	ND	0.2	0.1978	99		0.1907	95		75-125	4	20
Cobalt, Dissolved	0.00128	0.5	0.5035	100		0.4891	98		75-125	3	20
Copper, Dissolved	ND	0.25	0.2501	100		0.2437	97		75-125	3	20
Iron, Dissolved	1.95	1	2.96	101		2.96	101		75-125	0	20
Lead, Dissolved	0.00048J	0.51	0.5924	116		0.6196	121		75-125	4	20
Magnesium, Dissolved	51.5	10	60.2	87		60.1	86		75-125	0	20
Manganese, Dissolved	1.122	0.5	1.615	99		1.576	91		75-125	2	20
Nickel, Dissolved	0.00064J	0.5	0.4932	99		0.4948	99		75-125	0	20
Potassium, Dissolved	23.9	10	34.8	109		34.4	105		75-125	1	20
Selenium, Dissolved	ND	0.12	0.132	110		0.135	112		75-125	2	20
Silver, Dissolved	ND	0.05	0.05209	104		0.05037	101		75-125	3	20
Sodium, Dissolved	577.	10	615	**380**	Q	608	**310**	Q	75-125	1	20
Thallium, Dissolved	0.00015J	0.12	0.1342	112		0.1408	117		75-125	5	20
Vanadium, Dissolved	ND	0.5	0.5054	101		0.4968	99		75-125	2	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

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): 01-05,13 QC Batch ID: WG1170207-3 WG1170207-4 QC Sample: L1841367-01 Client ID: GW-6									
Zinc, Dissolved	0.01252	0.5	0.5336	104	0.5285	103	75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

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): 05,13 QC Batch ID: WG1170251-3 QC Sample: L1841798-03 Client ID: MS Sample									
Aluminum, Total	0.126	2	2.29	108	-	-	75-125	-	20
Antimony, Total	ND	0.5	0.5476	110	-	-	75-125	-	20
Arsenic, Total	0.00021J	0.12	0.1348	112	-	-	75-125	-	20
Barium, Total	0.1971	2	2.367	108	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05552	111	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.05956	117	-	-	75-125	-	20
Calcium, Total	95.2	10	107	118	-	-	75-125	-	20
Chromium, Total	0.00188	0.2	0.2090	104	-	-	75-125	-	20
Cobalt, Total	0.00059	0.5	0.5246	105	-	-	75-125	-	20
Copper, Total	0.00140	0.25	0.2634	105	-	-	75-125	-	20
Iron, Total	0.732	1	1.86	113	-	-	75-125	-	20
Lead, Total	ND	0.51	0.6053	119	-	-	75-125	-	20
Magnesium, Total	34.6	10	44.7	101	-	-	75-125	-	20
Manganese, Total	0.09094	0.5	0.6193	106	-	-	75-125	-	20
Nickel, Total	0.00166J	0.5	0.5231	105	-	-	75-125	-	20
Potassium, Total	8.38	10	18.6	102	-	-	75-125	-	20
Selenium, Total	0.00289J	0.12	0.143	119	-	-	75-125	-	20
Silver, Total	ND	0.05	0.05359	107	-	-	75-125	-	20
Sodium, Total	214.	10	225	110	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1367	114	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5271	105	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

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): 05,13 QC Batch ID: WG1170251-3 QC Sample: L1841798-03 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5417	108	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05,13 QC Batch ID: WG1170251-4 QC Sample: L1841798-03 Client ID: DUP Sample						
Aluminum, Total	0.126	0.166	mg/l	**27**	Q	20
Antimony, Total	ND	ND	mg/l	NC		20
Arsenic, Total	0.00021J	0.00026J	mg/l	NC		20
Barium, Total	0.1971	0.1991	mg/l	1		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Calcium, Total	95.2	93.1	mg/l	2		20
Chromium, Total	0.00188	0.00204	mg/l	8		20
Cobalt, Total	0.00059	0.00058	mg/l	1		20
Copper, Total	0.00140	0.00147	mg/l	5		20
Iron, Total	0.732	0.795	mg/l	8		20
Lead, Total	ND	ND	mg/l	NC		20
Magnesium, Total	34.6	33.4	mg/l	4		20
Manganese, Total	0.09094	0.09167	mg/l	1		20
Nickel, Total	0.00166J	0.00176J	mg/l	NC		20
Potassium, Total	8.38	8.10	mg/l	3		20
Selenium, Total	0.00289J	0.00288J	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	214.	209	mg/l	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05,13 QC Batch ID: WG1170251-4 QC Sample: L1841798-03 Client ID: DUP Sample					
Thallium, Total	ND	0.00026J	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-01
Client ID: GW-6
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 08:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.003	J	mg/l	0.005	0.001	1	10/15/18 14:20	10/16/18 10:26	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	10/12/18 05:15	10/12/18 05:53	1,7196A	MA

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-02
Client ID: GW-8
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 10:50
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.006		mg/l	0.005	0.001	1	10/15/18 14:20	10/16/18 10:29	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	10/12/18 05:15	10/12/18 05:55	1,7196A	MA

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-03
Client ID: GW-9
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 11:30
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.009		mg/l	0.005	0.001	1	10/15/18 14:20	10/16/18 10:30	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	10/12/18 05:15	10/12/18 05:55	1,7196A	MA

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-04
Client ID: GW-10
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 12:30
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.004	J	mg/l	0.005	0.001	1	10/15/18 14:20	10/16/18 10:31	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	10/12/18 05:15	10/12/18 05:57	1,7196A	MA

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-05
Client ID: GW-7
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 08:30
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	10/15/18 14:20	10/16/18 11:19	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	10/12/18 05:15	10/12/18 05:58	1,7196A	MA

Project Name: ALEXANDER ST.
Project Number: 25720.01
Lab Number: L1841367
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-06
Client ID: B-13 (5-6)
Sample Location: 57 ALEXANDER ST., YONKERS, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/11/18 09:00
Date Received: 10/11/18
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	-	10/12/18 04:49	121,2540G	FN
Cyanide, Total	ND		mg/kg	1.2	0.25	1	10/15/18 21:55	10/16/18 13:26	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.962	0.192	1	10/14/18 10:23	10/15/18 15:20	1,7196A	NH

Project Name: ALEXANDER ST.
Project Number: 25720.01
Lab Number: L1841367
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-07
Client ID: B-11 (5-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/11/18 09:50
Date Received: 10/11/18
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	86.8		%	0.100	NA	1	-	10/12/18 04:49	121,2540G	FN
Cyanide, Total	ND		mg/kg	1.1	0.24	1	10/15/18 21:55	10/16/18 13:27	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.922	0.184	1	10/14/18 10:23	10/15/18 15:20	1,7196A	NH

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-08
Client ID: B-14 (6-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 10:45
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

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	-	10/12/18 04:49	121,2540G	FN
Cyanide, Total	ND		mg/kg	1.0	0.22	1	10/15/18 21:55	10/16/18 13:28	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.903	0.180	1	10/14/18 10:23	10/15/18 15:20	1,7196A	NH

Project Name: ALEXANDER ST.
Project Number: 25720.01
Lab Number: L1841367
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-09
Client ID: B-12 (5-7)
Sample Location: 57 ALEXANDER ST., YONKERS, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/11/18 11:15
Date Received: 10/11/18
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	46.4		%	0.100	NA	1	-	10/12/18 04:49	121,2540G	FN
Cyanide, Total	ND		mg/kg	2.1	0.44	1	10/15/18 21:55	10/16/18 13:31	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	1.72	0.345	1	10/14/18 10:23	10/15/18 15:20	1,7196A	NH

Project Name: ALEXANDER ST.
Project Number: 25720.01
Lab Number: L1841367
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-10
Client ID: SS-DUP-1
Sample Location: 57 ALEXANDER ST., YONKERS, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/11/18 00:00
Date Received: 10/11/18
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	-	10/12/18 04:49	121,2540G	FN
Cyanide, Total	ND		mg/kg	1.0	0.22	1	10/15/18 21:55	10/16/18 13:34	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.887	0.177	1	10/14/18 10:23	10/15/18 15:20	1,7196A	NH

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-11
Client ID: SD-1
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 13:45
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	10/12/18 04:49	121,2540G	FN

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-12
Client ID: SD-2
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 14:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	10/12/18 04:49	121,2540G	FN

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

SAMPLE RESULTS

Lab ID: L1841367-13
Client ID: FIELD BLANK
Sample Location: 57 ALEXANDER ST., YONKERS, NY

Date Collected: 10/11/18 13:00
Date Received: 10/11/18
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/15/18 14:20	10/16/18 10:35	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	10/12/18 05:15	10/12/18 05:58	1,7196A	MA

Project Name: ALEXANDER ST.
Project Number: 25720.01
Lab Number: L1841367
Report Date: 10/25/18

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): 01-05,13 Batch: WG1167289-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	10/12/18 05:15	10/12/18 05:51	1,7196A	MA
General Chemistry - Westborough Lab for sample(s): 06-10 Batch: WG1168091-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	10/14/18 10:23	10/15/18 15:20	1,7196A	NH
General Chemistry - Westborough Lab for sample(s): 06-10 Batch: WG1168106-1										
Cyanide, Total	ND		mg/kg	0.92	0.20	1	10/15/18 21:55	10/16/18 13:03	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 01-05,13 Batch: WG1168155-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/15/18 14:20	10/16/18 10:14	1,9010C/9012B	LH

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05,13 Batch: WG1167289-2								
Chromium, Hexavalent	93		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 06-10 Batch: WG1168091-2								
Chromium, Hexavalent	83		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 06-10 Batch: WG1168106-2 WG1168106-3								
Cyanide, Total	**74**	Q	**64**	Q	80-120	26		35
General Chemistry - Westborough Lab Associated sample(s): 01-05,13 Batch: WG1168155-2 WG1168155-3								
Cyanide, Total	92		91		85-115	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

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): 01-05,13 QC Batch ID: WG1167289-4 WG1167289-5 QC Sample: L1841367-01 Client ID: GW-6												
Chromium, Hexavalent	ND	0.1	0.100	100		0.100	100		85-115	0		20
General Chemistry - Westborough Lab Associated sample(s): 06-10 QC Batch ID: WG1168091-4 WG1168091-5 QC Sample: L1841367-08 Client ID: B-14 (6-7)												
Chromium, Hexavalent	ND	1170	1030	88		1680	93		75-125	**48**	Q	20
General Chemistry - Westborough Lab Associated sample(s): 06-10 QC Batch ID: WG1168106-4 WG1168106-5 QC Sample: L1841367-08 Client ID: B-14 (6-7)												
Cyanide, Total	ND	11	9.6	90		9.7	90		75-125	1		35
General Chemistry - Westborough Lab Associated sample(s): 01-05,13 QC Batch ID: WG1168155-4 WG1168155-5 QC Sample: L1841367-01 Client ID: GW-6												
Cyanide, Total	0.003J	0.2	0.179	90		0.180	90		80-120	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ALEXANDER ST.

Project Number: 25720.01

Lab Number: L1841367

Report Date: 10/25/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 06-12 QC Batch ID: WG1167278-1 QC Sample: L1841377-01 Client ID: DUP Sample						
Solids, Total	78.3	78.9	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-05,13 QC Batch ID: WG1167289-3 QC Sample: L1841367-01 Client ID: GW-6						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 06-10 QC Batch ID: WG1168091-7 QC Sample: L1841367-08 Client ID: B-14 (6-7)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841367-01A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-01A1	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-01A2	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-01B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-01B1	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-01B2	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-01C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-01C1	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-01C2	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-01D	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-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),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1841367-01D1	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-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),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841367-01D2	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-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),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1841367-01E	Plastic 250ml unpreserved	A	7	7	4.2	Y	Absent		HEXCR-7196(1)
L1841367-01E1	Plastic 250ml unpreserved	A	7	7	4.2	Y	Absent		HEXCR-7196(1)
L1841367-01E2	Plastic 250ml unpreserved	A	7	7	4.2	Y	Absent		HEXCR-7196(1)
L1841367-01F	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(7)
L1841367-01F1	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(7)
L1841367-01F2	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(7)
L1841367-01G	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(7)
L1841367-01G2	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(7)
L1841367-01H	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8081(7)
L1841367-01H1	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8081(7)
L1841367-01H2	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8081(7)
L1841367-01I	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		-
L1841367-01I1	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		-
L1841367-01I2	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		-
L1841367-01J	Amber 250ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841367-01J1	Amber 250ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841367-01J2	Amber 250ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841367-01K	Amber 250ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841367-01K1	Amber 250ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841367-01K2	Amber 250ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841367-01L	Plastic 120ml NAOH preserved split	A	7	>12	4.2	N	Absent		TCN-9010(14)
L1841367-01L1	Plastic 120ml NAOH preserved split	A	7	>12	4.2	N	Absent		TCN-9010(14)
L1841367-01L2	Plastic 120ml NAOH preserved split	A	7	>12	4.2	N	Absent		TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841367-01X	Plastic 120ml HNO3 preserved Filtrates	A	N/A	N/A	4.2	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),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1841367-02A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-02B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-02C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-02D	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-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),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1841367-02E	Plastic 250ml unpreserved	A	7	7	4.2	Y	Absent		HEXCR-7196(1)
L1841367-02F	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(7)
L1841367-02G	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(7)
L1841367-02H	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8081(7)
L1841367-02I	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		-
L1841367-02J	Amber 250ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841367-02K	Amber 250ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841367-02L	Plastic 120ml NAOH preserved split	A	7	>12	4.2	N	Absent		TCN-9010(14)
L1841367-02X	Plastic 120ml HNO3 preserved Filtrates	A	N/A	N/A	4.2	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),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1841367-03A	Vial HCl preserved	C	NA		4.9	Y	Absent		NYTCL-8260(14)
L1841367-03B	Vial HCl preserved	C	NA		4.9	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841367-03C	Vial HCl preserved	C	NA		4.9	Y	Absent		NYTCL-8260(14)
L1841367-03D	Plastic 250ml HNO3 preserved	C	<2	<2	4.9	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-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),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1841367-03E	Plastic 250ml unpreserved	C	7	7	4.9	Y	Absent		HEXCR-7196(1)
L1841367-03F	Amber 120ml unpreserved	C	7	7	4.9	Y	Absent		NYTCL-8082-LVI(7)
L1841367-03G	Amber 120ml unpreserved	C	7	7	4.9	Y	Absent		NYTCL-8082-LVI(7)
L1841367-03H	Amber 120ml unpreserved	C	7	7	4.9	Y	Absent		NYTCL-8081(7)
L1841367-03I	Amber 120ml unpreserved	C	7	7	4.9	Y	Absent		-
L1841367-03J	Amber 250ml unpreserved	C	7	7	4.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841367-03K	Amber 250ml unpreserved	C	7	7	4.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841367-03L	Plastic 120ml NAOH preserved split	C	7	>12	4.9	N	Absent		TCN-9010(14)
L1841367-03X	Plastic 120ml HNO3 preserved Filtrates	C	N/A	N/A	4.9	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),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1841367-04A	Vial HCl preserved	B	NA		3.7	Y	Absent		NYTCL-8260(14)
L1841367-04B	Vial HCl preserved	B	NA		3.7	Y	Absent		NYTCL-8260(14)
L1841367-04C	Vial HCl preserved	B	NA		3.7	Y	Absent		NYTCL-8260(14)
L1841367-04D	Plastic 250ml HNO3 preserved	B	<2	<2	3.7	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-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),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1841367-04E	Plastic 250ml unpreserved	B	7	7	3.7	Y	Absent		HEXCR-7196(1)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841367-04F	Amber 120ml unpreserved	B	7	7	3.7	Y	Absent		NYTCL-8082-LVI(7)
L1841367-04G	Amber 120ml unpreserved	B	7	7	3.7	Y	Absent		NYTCL-8082-LVI(7)
L1841367-04H	Amber 120ml unpreserved	B	7	7	3.7	Y	Absent		NYTCL-8081(7)
L1841367-04I	Amber 120ml unpreserved	B	7	7	3.7	Y	Absent		-
L1841367-04J	Amber 250ml unpreserved	B	7	7	3.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841367-04K	Amber 250ml unpreserved	B	7	7	3.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841367-04L	Plastic 120ml NAOH preserved split	B	7	>12	3.7	N	Absent		TCN-9010(14)
L1841367-04X	Plastic 120ml HNO3 preserved Filtrates	B	N/A	N/A	3.7	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),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1841367-05A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-05B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-05C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-05D	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-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),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1841367-05E	Plastic 250ml unpreserved	A	7	7	4.2	Y	Absent		HEXCR-7196(1)
L1841367-05F	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(7)
L1841367-05G	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(7)
L1841367-05H	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8081(7)
L1841367-05I	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		-
L1841367-05J	Amber 250ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841367-05K	Amber 250ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841367-05L	Plastic 120ml NAOH preserved split	A	7	>12	4.2	N	Absent		TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841367-05X	Plastic 120ml HNO3 preserved Filtrates	A	N/A	N/A	4.2	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),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1841367-06A	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1841367-06B	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1841367-06C	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1841367-06D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L1841367-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1841367-06F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1841367-06G	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1841367-06X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1841367-06Y	Vial Water preserved split	A	NA		4.2	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-06Z	Vial Water preserved split	A	NA		4.2	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-07A	5 gram Encore Sampler	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-07B	5 gram Encore Sampler	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-07C	5 gram Encore Sampler	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-07D	Plastic 2oz unpreserved for TS	C	NA		4.9	Y	Absent		TS(7)
L1841367-07E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1841367-07F	Glass 120ml/4oz unpreserved	C	NA		4.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1841367-07G	Glass 250ml/8oz unpreserved	C	NA		4.9	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: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841367-07X	Vial MeOH preserved split	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-07Y	Vial Water preserved split	C	NA		4.9	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-07Z	Vial Water preserved split	C	NA		4.9	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-08A	5 gram Encore Sampler	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-08A1	5 gram Encore Sampler	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-08A2	5 gram Encore Sampler	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-08B	5 gram Encore Sampler	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-08B1	5 gram Encore Sampler	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-08B2	5 gram Encore Sampler	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-08C	5 gram Encore Sampler	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-08C1	5 gram Encore Sampler	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-08C2	5 gram Encore Sampler	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-08D	Plastic 2oz unpreserved for TS	C	NA		4.9	Y	Absent		TS(7)
L1841367-08D1	Plastic 2oz unpreserved for TS	C	NA		4.9	Y	Absent		TS(7)
L1841367-08D2	Plastic 2oz unpreserved for TS	C	NA		4.9	Y	Absent		TS(7)
L1841367-08E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1841367-08E1	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1841367-08E2	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1841367-08F	Glass 120ml/4oz unpreserved	C	NA		4.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1841367-08F1	Glass 120ml/4oz unpreserved	C	NA		4.9	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: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841367-08F2	Glass 120ml/4oz unpreserved	C	NA		4.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1841367-08G	Glass 250ml/8oz unpreserved	C	NA		4.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1841367-08G1	Glass 250ml/8oz unpreserved	C	NA		4.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1841367-08G2	Glass 250ml/8oz unpreserved	C	NA		4.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1841367-08X	Vial MeOH preserved split	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-08X1	Vial MeOH preserved split	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-08X2	Vial Water preserved split	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-08Y	Vial Water preserved split	C	NA		4.9	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-08Y1	Vial Water preserved split	C	NA		4.9	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-08Y2	Vial Water preserved split	C	NA		4.9	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-08Z	Vial Water preserved split	C	NA		4.9	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-08Z1	Vial Water preserved split	C	NA		4.9	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-08Z2	Vial Water preserved split	C	NA		4.9	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-09A	5 gram Encore Sampler	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-09B	5 gram Encore Sampler	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-09C	5 gram Encore Sampler	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-09D	Plastic 2oz unpreserved for TS	C	NA		4.9	Y	Absent		TS(7)
L1841367-09E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1841367-09F	Glass 120ml/4oz unpreserved	C	NA		4.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1841367-09G	Glass 250ml/8oz unpreserved	C	NA		4.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1841367-09X	Vial MeOH preserved split	C	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L1841367-09Y	Vial Water preserved split	C	NA		4.9	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-09Z	Vial Water preserved split	C	NA		4.9	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-10A	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841367-10B	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1841367-10C	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1841367-10D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L1841367-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1841367-10F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1841367-10G	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1841367-10X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1841367-10Y	Vial Water preserved split	A	NA		4.2	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-10Z	Vial Water preserved split	A	NA		4.2	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-11A	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1841367-11B	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1841367-11C	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1841367-11D	Plastic 2oz unpreserved for TS	B	NA		3.7	Y	Absent		TS(7)
L1841367-11E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1841367-11F	Glass 120ml/4oz unpreserved	B	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7)
L1841367-11X	Vial MeOH preserved split	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1841367-11Y	Vial Water preserved split	B	NA		3.7	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-11Z	Vial Water preserved split	B	NA		3.7	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-12A	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1841367-12B	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1841367-12C	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1841367-12D	Plastic 2oz unpreserved for TS	B	NA		3.7	Y	Absent		TS(7)
L1841367-12E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841367-12F	Glass 120ml/4oz unpreserved	B	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7)
L1841367-12X	Vial MeOH preserved split	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1841367-12Y	Vial Water preserved split	B	NA		3.7	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-12Z	Vial Water preserved split	B	NA		3.7	Y	Absent	12-OCT-18 11:20	NYTCL-8260HLW(14)
L1841367-13A	Vial HCl preserved	C	NA		4.9	Y	Absent		NYTCL-8260(14)
L1841367-13B	Vial HCl preserved	C	NA		4.9	Y	Absent		NYTCL-8260(14)
L1841367-13C	Vial HCl preserved	C	NA		4.9	Y	Absent		NYTCL-8260(14)
L1841367-13D	Plastic 250ml HNO3 preserved	C	<2	<2	4.9	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-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),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1841367-13E	Plastic 250ml unpreserved	C	7	7	4.9	Y	Absent		HEXCR-7196(1)
L1841367-13F	Amber 120ml unpreserved	C	7	7	4.9	Y	Absent		NYTCL-8082-LVI(7)
L1841367-13G	Amber 120ml unpreserved	C	7	7	4.9	Y	Absent		NYTCL-8082-LVI(7)
L1841367-13H	Amber 120ml unpreserved	C	7	7	4.9	Y	Absent		NYTCL-8081(7)
L1841367-13I	Amber 120ml unpreserved	C	7	7	4.9	Y	Absent		-
L1841367-13J	Amber 250ml unpreserved	C	7	7	4.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841367-13K	Amber 250ml unpreserved	C	7	7	4.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1841367-13L	Plastic 120ml NAOH preserved split	C	7	>12	4.9	N	Absent		TCN-9010(14)
L1841367-13X	Plastic 120ml HNO3 preserved Filtrates	C	N/A	N/A	4.9	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),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1841367-14A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-14B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L1841367-15A	Vial HCl preserved	B	NA		3.7	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: ALEXANDER ST.
Project Number: 25720.01

Lab Number: L1841367
Report Date: 10/25/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1841367-15B	Vial HCl preserved	B	NA		3.7	Y	Absent		NYTCL-8260(14)
L1841367-16A	Vial HCl preserved	C	NA		4.9	Y	Absent		NYTCL-8260(14)
L1841367-16B	Vial HCl preserved	C	NA		4.9	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ALEXANDER ST.	**Lab Number:**	L1841367
Project Number:	25720.01	**Report Date:**	10/25/18

GLOSSARY

Acronyms

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.
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.
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.
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.

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.

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.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ALEXANDER ST.	**Lab Number:**	L1841367
Project Number:	25720.01	**Report Date:**	10/25/18

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

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.

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.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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.

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).

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:	ALEXANDER ST.	**Lab Number:**	L1841367
Project Number:	25720.01	**Report Date:**	10/25/18

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 6860: SCM: Perchlorate

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**
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.**

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.

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

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

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 2

Date Rec'd in Lab: 10/11/18

ALPHA Job #: L1841367

Client Information

Client: VHB
Address: 100 Motor Parkway
Hauppauge NY 11788
Phone: 631-787-3400
Fax: —
Email: JStressley@VHB.com

Project Information

Project Name: Alexander St.
Project Location: 57 Alexander St. Yonkers NY
Project #: 25720.01
(Use Project name as Project #) ☐
Project Manager: Jessica Collins
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☒ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

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 to filter GW Samples - (GW Samples (metals Total + Dissolved) *

Please specify Metals or TAL.

cooler 5 of 6 full of empty glassware

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	TCL (VOCs + SVOCs)	TAL Metals (6 NYC)	Pesticides + PCBs	Total Bottle	Sample Specific Comments
41367-01	GW-6	10/11/18	0800	GW	JS	X	X	X		
01	GW-6 (MS)		0805		JS	X	X	X		
01	GW-6 (MSD)		0807		JS	X	X	X		
02	GW-8		0950		JS	X	X	X		
03	GW-9		1130		JS	X	X	X		
04	GW-10		1230		JS	X	X	X		
05	GW-7				JS	X	X	X		
06	B-13 (5-6)		0900	S	JS	X	X	X		
07	B-11 (5-7)		0950	S	JS	X	X	X		
08	B-14 (6-7)		1045	S	JS	X	X	X		

Container Type
Preservative

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
	10/11/18 1545	Stacey Lutz AAL	10/11/18 1553
Stacey Lutz	10/11/18 1735	D. Santos AAL	10/11/18 1830
D. Santos AAL	10/11/18 2245		10/11/18 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)

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 YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 10/11/18

ALPHA Job #: L1841367

Client Information
Client: VHB
Address: 100 Motor Parkway Hauppauge NY 11788
Phone: 631-787-3400
Fax: —
Email: JStressler@VHB.com

Project Information
Project Name: Alexander St.
Project Location: 57 Alexander St. Yonkers NY
Project #: 25720.01
(Use Project name as Project #) ☐
Project Manager: Jessica Collins
ALPHAQuote #:

Turn-Around Time
Standard ☒ 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 to filer Liquid samples (metals total + Dissolved)

Please specify Metals or TAL.

ANALYSIS
TCL (VOCs + SVOCs) | TAL Metals (calculate CR3 from) | Pesticides + PCBs | RCRA Metals

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	TCL	TAL	Pest+PCBs	RCRA	Sample Specific Comments	Total Bottle
41367-08	B-14 (5-7) (MS)	10/11/18	1050	S		X	X	X		Encores + Jars	2
08	B-14 (5-7) (MSD)		1055			X	X	X			
09	B-12 (5-7)		1115			X	X	X			
10	SS-Dup-1		—			X	X	X			
11	SD-1		1345			X			X	Encores + Jars	6
12	SD-2		1400	↓		X			X	↓	6
13	Field Blank		1300	DI H2O		X	X	X			
14	Trip Blank (1)		—	DI H2O		X	X	X		VOAs	3
15	Trip Blank (2)					X	X	X		↓	2
16	Trip Blank (3)					X	X	X			3

Container Type
Preservative

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
	10/11/18 1545	VHB Stacy Lunt AAL	10/11/18 1557
Stacy Lunt	10/11/18 1735	D. Santos AAL	10/11/18 1830
D. Santos AAL	10/11/18 2245		10/11/18 2275

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)

Attachment D
Soil Boring Logs

	Boring Log	Project No.: 25720.01		Page: 1
	Drill Rig: 7822DT Geoprobe Direct Push and Rotary		Date Drilled: 10/9/2018	Logged By: JS
	Boring Diameter: 2"		Boring Number: B-1	

Sample	% Recovery	PID Reading (ppm)	Depth (Feet)	USCS Soil Type	Lithology/Description
	65	0.0	0-0.5	GP	Asphalt and crushed bluestone.
X		0.9	0.5-3		Dark Grey fine sand with pulverized concrete and trace gravel, dry.
		0.4	3-4.5	SM	Dark Grey silty sand with pulverized concrete and trace gravel, dry.
		0.0	4.5-5	MH	Black peat layer with trace organics and fines, dry.
	80	0.0	5-5.5	SC	Dark grey fine sand with clayey sands and trace silt, dry.
X		0.0	5.5-10	SC	Dark grey fine sand with clayey sands and trace silt, saturated.

Completion Notes:

BGS - Below Ground Surface

USCS - Unified Soil Classification System

Collected soil samples from 0-2 ft bgs (Sample ID: B-1 [0-2]) and 8-10 ft bgs (Sample IDL B-1 [8-10]).

Groundwater observed in boring ~5.5 ft bgs.

Temp Well installed to 10 ft bgs; GW sample collected (Sample ID: GW-1).

Boring Location:
To the south of Building C.

100 Motor Parkway, Suite 135, Hauppauge, New York, 11788
Tel: 631 - 787 - 3400 Fax: 631 - 813 - 2545

vhb	**Boring Log**	**Project No.**: 25720.01		**Page:** 2
	Drill Rig: 7822DT Geoprobe Direct Push and Rotary		**Date Drilled:** 10/9/2018	**Logged By:** JS
	Boring Diameter: 2"		**Boring Number:** B-2	

Sample	% Recovery	PID Reading (ppm)	Depth (Feet)	USCS Soil Type	Lithology/Description
	70	0.0	0-0.5	GP	Asphalt and crushed bluestone.
X		0.0	0.5-2		Black fine-to-medium grained sand with trace gravel and brick.
		0.2	2-5	SM	Dark Grey silty sand and trace gravel, dry.
	75	0.5	5-8		Dark grey fine grained sand with trace silt, saturated.
X		0.5	8-10		Dark grey fine grained sand with trace silt and brick debris, saturated.

Completion Notes:

BGS - Below Ground Surface

USCS - Unified Soil Classification System

Collected soil samples from 0-2 ft bgs (Sample ID: B-2 [0-2]) and 8-10 ft bgs (Sample IDL B-2 [8-10]).

Groundwater observed in boring ~5 ft bgs.

Temp Well installed to 10 ft bgs; GW sample collected (Sample ID: GW-2).

Boring Location:
To the south of Building C.

100 Motor Parkway, Suite 135, Hauppauge, New York, 11788
Tel: 631 - 787 - 3400 Fax: 631 - 813 - 2545

vhb	**Boring Log**	**Project No.**: 25720.01			**Page: 3**	
	Drill Rig: 7822DT Geoprobe Direct Push and Rotary		**Date Drilled:** 10/9/2018		**Logged By:** JS	
	Boring Diameter: 2"		**Boring Number:** B-3			

Sample	% Recovery	PID Reading (ppm)	Depth (Feet)	USCS Soil Type	Lithology/Description
	80	0.0	0-0.5	GP	Asphalt and crushed bluestone.
X		0.9	0.5-5	SM	Dark Grey-to-black fine grained sand with sandy loam, dry.
	75	0.2	5-7		Light grey fine grained sand with sandy loam, saturated.
X		0.0	7-10		Black fine grained sand with sandy loam, saturated.

Completion Notes:

BGS - Below Ground Surface

USCS - Unified Soil Classification System

Collected soil samples from 0-2 ft bgs (Sample ID: B-3 [0-2]) and 8-10 ft bgs (Sample IDL B-3 [8-10]).

Groundwater observed in boring ~5 ft bgs.

Boring Location:
To the southeast of Building C.

100 Motor Parkway, Suite 135, Hauppauge, New York, 11788
Tel: 631 - 787 - 3400 Fax: 631 - 813 - 2545

vhb	**Boring Log**	**Project No.**: 25720.01			**Page: 4**	
	Drill Rig: 7822DT Geoprobe Direct Push and Rotary		**Date Drilled:** 10/9/2018		**Logged By:** JS	
	Boring Diameter: 2"		**Boring Number:** B-4			

Sample	% Recovery	PID Reading (ppm)	Depth (Feet)	USCS Soil Type	Lithology/Description
	60	0.0	0-0.25	GP	Asphalt and crushed bluestone.
		0.0	0.25-5	GW	Black fine-to-medium grained sand with gravel and trace fines, dry.
	70	0.7	5-7	SW	Black fine-to-medium grained sand with gravel, concrete debris and pulverized stone, dry.
X		0.7	5-10		Black fine-to-medium grained sand with gravel, concrete debris and pulverized stone, saturated.

Completion Notes:

BGS - Below Ground Surface

USCS - Unified Soil Classification System
Collected soil samples from 9-10 ft bgs (Sample ID: B-4 [9-10]).
Groundwater observed in boring ~7 ft bgs.

Boring Location:
To the east of Building C and south of the 5K UST tank grave.

100 Motor Parkway, Suite 135, Hauppauge, New York, 11788
Tel: 631 - 787 - 3400 Fax: 631 - 813 - 2545

vhb	**Boring Log**	**Project No.**: 25720.01			**Page: 5**	
	Drill Rig: 7822DT Geoprobe Direct Push and Rotary		**Date Drilled:** 10/9/2018		**Logged By:** JS	
	Boring Diameter: 2"		**Boring Number:** B-5			

Sample	% Recovery	PID Reading (ppm)	Depth (Feet)	USCS Soil Type	Lithology/Description
	65	0.0	0-0.5	GP	Asphalt and crushed bluestone.
		0.5	0.5-5	SW	Brown-to-black fine-to-coarse grained sand with gravel and pulverized stone, dry.
	90	8.6	5-7		Black fine-to-coarse grained sand with gravel and pulverized stone, dry.
X		8.6	7-10		Black fine-to-coarse grained sand with gravel and pulverized stone, saturated.

Completion Notes:

BGS - Below Ground Surface

USCS - Unified Soil Classification System
Collected soil samples from 9-10 ft bgs (Sample ID: B-5 [9-10]).
Groundwater observed in boring ~7 ft bgs.
Temp Well installed to 10 ft bgs; GW sample collected (Sample ID: GW-3).

Boring Location:
To the south of Building A, proximate to the 5,000-gallon UST grave.

100 Motor Parkway, Suite 135, Hauppauge, New York, 11788
Tel: 631 - 787 - 3400 Fax: 631 - 813 - 2545

vhb	**Boring Log**	**Project No.**: 25720.01			**Page: 6**	
	Drill Rig: 7822DT Geoprobe Direct Push and Rotary		**Date Drilled:** 10/9/2018		**Logged By:** JS	
	Boring Diameter: 2"		**Boring Number:** B-6			

Sample	% Recovery	PID Reading (ppm)	Depth (Feet)	USCS Soil Type	Lithology/Description
	50	0.0	0-0.5	GP	Asphalt and crushed bluestone.
	80	1.1	0.5-7	SW	Black fine-to-medium grained sand with gravel, dry.
X	85	1.7	7-10	SM	Dark grey fine-to-medium grained sand with trace silt, saturated.

Completion Notes:

BGS - Below Ground Surface

USCS - Unified Soil Classification System

Collected soil samples from 9-10 ft bgs (Sample ID: B-6 [9-10]).

Groundwater observed in boring ~7 ft bgs.

Temp Well installed to 10 ft bgs; GW sample collected (Sample ID: GW-4).

Boring Location:
To the south of Building A, proximate to the west of the 5,000-gallon UST grave.

100 Motor Parkway, Suite 135, Hauppauge, New York, 11788
Tel: 631 - 787 - 3400 Fax: 631 - 813 - 2545

vhb	**Boring Log**	**Project No.**: 25720.01			**Page: 7**	
	Drill Rig: 7822DT Geoprobe Direct Push and Rotary		**Date Drilled:** 10/10/2018		**Logged By:** JS	
	Boring Diameter: 2"		**Boring Number:** B-7			

Sample	% Recovery	PID Reading (ppm)	Depth (Feet)	USCS Soil Type	Lithology/Description
	85	0.0	0-0.5	GP	Asphalt and crushed bluestone.
X		0.0	0.5-5	SM	Dark brown silty sand with gravel, trace fines, brick and concrete, dry.
X	90	0.0	5-10	MH	Dark brown to black silty sand with organic material (i.e., crushed shells) and gravel, saturated.

Completion Notes:

BGS - Below Ground Surface

USCS - Unified Soil Classification System

Collected soil samples from 0-2 ft bgs (Sample ID: B-7 [0-2]) and 8-10 ft bgs (Sample IDL B-7 [8-10]).

Groundwater observed in boring ~5 ft bgs.

Boring Location:
To the west of Building A.

100 Motor Parkway, Suite 135, Hauppauge, New York, 11788
Tel: 631 - 787 - 3400 Fax: 631 - 813 - 2545

	Boring Log	Project No.: 25720.01		Page: 8
	Drill Rig: 7822DT Geoprobe Direct Push and Rotary		Date Drilled: 10/10/2018	Logged By: JS
	Boring Diameter: 2"		Boring Number: B-8	

Sample	% Recovery	PID Reading (ppm)	Depth (Feet)	USCS Soil Type	Lithology/Description
	85	0.0	0-0.5	GP	Asphalt and crushed bluestone.
X		0.0	0.5-3	SW	Brown fine-to-medium grained sand with gravel and pulverized rock, dry.
		0.0	3-5	SM	Dark brown silty sand with pulverized rock, dry.
X	75	0.0	5-10		Dark grey silty sand with gravel and pulverized rock, saturated.

Completion Notes:

BGS - Below Ground Surface

USCS - Unified Soil Classification System

Collected soil samples from 0-2 ft bgs (Sample ID: B-8 [0-2]) and 8-10 ft bgs (Sample IDL B-8 [8-10]).

Groundwater observed in boring ~5 ft bgs.

Boring Location:
To the northwest of Building A.

100 Motor Parkway, Suite 135, Hauppauge, New York, 11788
Tel: 631 - 787 - 3400 Fax: 631 - 813 - 2545

	Boring Log	Project No.: 25720.01		Page: 9
	Drill Rig: 7822DT Geoprobe Direct Push and Rotary		Date Drilled: 10/10/2018	Logged By: JS
	Boring Diameter: 2"		Boring Number: B-9	

Sample	% Recovery	PID Reading (ppm)	Depth (Feet)	USCS Soil Type	Lithology/Description
	90	0.0	0-0.5	GP	Asphalt and crushed bluestone.
X		0.0	0.5-2		Dark brown fine-to-medium grained sand with gravel, dry.
		0.0	2-7	SC	Grey clay with trace fines, silt and gravel, dry.
X	80	0.0	7-10	SM	Black silty sand with pulverized rock, saturated.

Completion Notes:

BGS - Below Ground Surface

USCS - Unified Soil Classification System

Collected soil samples from 0-2 ft bgs (Sample ID: B-9 [0-2]) and 8-10 ft bgs (Sample IDL B-9 [8-10]).

Groundwater observed in boring ~9 ft bgs.

Temp Well installed to 15 ft bgs; GW sample collected (Sample ID: GW-6).

Boring Location:
To the north-northwest of Building A.

100 Motor Parkway, Suite 135, Hauppauge, New York, 11788
Tel: 631 - 787 - 3400 Fax: 631 - 813 - 2545

	Boring Log	Project No.: 25720.01		Page: 10
	Drill Rig: 7822DT Geoprobe Direct Push and Rotary		Date Drilled: 10/10/2018	Logged By: JS
	Boring Diameter: 2"		Boring Number: B-10	

Sample	% Recovery	PID Reading (ppm)	Depth (Feet)	USCS Soil Type	Lithology/Description
	85	0.0	0-0.5	GP	Asphalt and crushed bluestone.
		0.0	0.5-2	SM	Dark brown silty sand, dry.
		0.0	2-5	SM	Dark brown to black fine-to-coarse grained sand with trace silt and crushed stone, dry.
	75	0.0	5-6	GC	Dark grey clay with gravel, dry.
X		0.0	6-8	SW	Black fine-to-coarse grained sand with gravel and pulverized rock, dry.
		0.0	8-10	CH	Dark grey clay, saturated.

Completion Notes:

BGS - Below Ground Surface

USCS - Unified Soil Classification System

Collected soil samples from 6-8 ft bgs (Sample ID: B-10 [6-8]).

Groundwater observed in boring ~8 ft bgs.

Temp Well installed to 15 ft bgs; GW sample collected (Sample ID: GW-7).

Boring Location:
To the north-northwest of Building A.

100 Motor Parkway, Suite 135, Hauppauge, New York, 11788
Tel: 631 - 787 - 3400 Fax: 631 - 813 - 2545

vhb	**Boring Log**	**Project No.**: 25720.01			**Page: 11**	
	Drill Rig: 7822DT Geoprobe Direct Push and Rotary		**Date Drilled:** 10/11/2018		**Logged By:** JS	
	Boring Diameter: 2"		**Boring Number:** B-11			

Sample	% Recovery	PID Reading (ppm)	Depth (Feet)	USCS Soil Type	Lithology/Description
	75	0.0	0-0.25	GP	Asphalt and crushed bluestone.
X		0.0	0.25-7	SC	Dark brown to black fine-to-medium grained sand with sandy loam, dry.
		0.0	7-10	GP	Grey fine-to-coarse grained sand with pulverized rock, saturated.

Completion Notes:

BGS - Below Ground Surface

USCS - Unified Soil Classification System

Collected soil samples from 5-7 ft bgs (Sample ID: B-11 [5-7]).

Groundwater observed in boring ~7 ft bgs.

Temp Well installed to 15 ft bgs; GW sample collected (Sample ID: GW-8).

Boring Location:
To the north-northwest of Building A.

100 Motor Parkway, Suite 135, Hauppauge, New York, 11788
Tel: 631 - 787 - 3400 Fax: 631 - 813 - 2545

	Boring Log	Project No.: 25720.01		Page: 12
	Drill Rig: 7822DT Geoprobe Direct Push and Rotary		Date Drilled: 10/11/2018	Logged By: JS
	Boring Diameter: 2"		Boring Number: B-12	

Sample	% Recovery	PID Reading (ppm)	Depth (Feet)	USCS Soil Type	Lithology/Description
	75	0.0	0-0.25	GP	Asphalt and crushed bluestone.
		0.0	0.25-4		Dark brown fine-to-medium grained sand with trace fines, dry.
		0.0	4-5	GW	Brown fine-to-medium grained sand with gravel, dry.
X	90	0.0	5-10	SM	Grey-to-black silty sand, saturated.

Completion Notes:

BGS - Below Ground Surface

USCS - Unified Soil Classification System
Collected soil samples from 5-7 ft bgs (Sample ID: B-12 [5-7]).
Groundwater observed in boring ~8.5 ft bgs.
Temp Well installed to 15 ft bgs; GW sample collected (Sample ID: GW-9).

Boring Location:
To the east of Building E.

100 Motor Parkway, Suite 135, Hauppauge, New York, 11788
Tel: 631 - 787 - 3400 Fax: 631 - 813 - 2545

	Boring Log	Project No.: 25720.01		Page: 13
	Drill Rig: 7822DT Geoprobe Direct Push and Rotary		Date Drilled: 10/11/2018	Logged By: JS
	Boring Diameter: 2"		Boring Number: B-13	

Sample	% Recovery	PID Reading (ppm)	Depth (Feet)	USCS Soil Type	Lithology/Description
	70	0.0	0-0.25	GP	Asphalt and crushed bluestone.
		0.0	0.25-2	GW	Black fine-to-coarse grained sand with gravel, dry.
		0.0	2-5	SC	Brown sandy loam with pulverized rock, dry.
X	65	0.0	5-6		Black sandy loam with pulverized rock, dry.
		0.0	6-7		Brown-to-tan sandy loam with pulverized rock, dry.
		0.0	7-10		Black sandy loam with trace fines and pulverized rock, saturated.

Completion Notes:

BGS - Below Ground Surface

USCS - Unified Soil Classification System
Collected soil samples from 5-6 ft bgs (Sample ID: B-13 [5-6]).
Groundwater observed in boring ~7 ft bgs.

Boring Location:
To the southeast of Building A.

100 Motor Parkway, Suite 135, Hauppauge, New York, 11788
Tel: 631 - 787 - 3400 Fax: 631 - 813 - 2545

vhb	**Boring Log**	**Project No.**: 25720.01			**Page: 14**	
	Drill Rig: 7822DT Geoprobe Direct Push and Rotary		**Date Drilled:** 10/11/2018		**Logged By:** JS	
	Boring Diameter: 2"		**Boring Number:** B-14			

Sample	% Recovery	PID Reading (ppm)	Depth (Feet)	USCS Soil Type	Lithology/Description
	80	0.0	0-0.25	GP	Asphalt and crushed bluestone.
		0.0	0.25-1		Brown coarse grained sand with gravel, dry.
		0.0	1-6	GW	Black fine-to-coarse grained sand with gravel and pulverized rock, dry.
X	75	0.0	6-7	SM	Black sandy loam with trace fines, dry.
		0.0	7-10	CL	Dark brown clay, saturated.

Completion Notes:

BGS - Below Ground Surface

USCS - Unified Soil Classification System

Collected soil samples from 6-7 ft bgs (Sample ID: B-14 [6-7]).

Groundwater observed in boring ~7 ft bgs.

Temp Well installed to 15 ft bgs; GW sample collected (Sample ID: GW-10).

Boring Location:
To the southeast of Building A.

100 Motor Parkway, Suite 135, Hauppauge, New York, 11788
Tel: 631 - 787 - 3400 Fax: 631 - 813 - 2545

	Boring Log	Project No.: 25720.01		Page: 15
	Drill Rig: 7822DT Geoprobe Direct Push and Rotary		Date Drilled: 10/10/2018	Logged By: JS
	Boring Diameter: 2"		Boring Number: B-15	

Sample	% Recovery	PID Reading (ppm)	Depth (Feet)	USCS Soil Type	Lithology/Description
	90	0.0	0-0.5	GP	Asphalt and crushed bluestone.
		0.0	0.5-3	SM	Black fine-to-coarse grained sand with trace silt and brick, dry.
X		0.1	3-5	SP	Black and grey fine grained sand with gravel, dry.
	80	0.0	5-6		Brown fine-to-medium grained sand with pulverized rock, dry.
		0.0	6-8		Black and dark brown fine-to-coarse sand, dry.
		0.0	8-10		Black and dark brown fine-to-coarse sand, saturated.

Completion Notes:

BGS - Below Ground Surface

USCS - Unified Soil Classification System
Collected soil samples from 3-5 ft bgs (Sample ID: B-15 [3-5]).
Groundwater observed in boring ~8 ft bgs.

Boring Location:
To the southwest of Building D.

100 Motor Parkway, Suite 135, Hauppauge, New York, 11788
Tel: 631 - 787 - 3400 Fax: 631 - 813 - 2545

	Boring Log	Project No.: 25720.01		Page: 16
	Drill Rig: 7822DT Geoprobe Direct Push and Rotary		Date Drilled: 10/10/2018	Logged By: JS
	Boring Diameter: 2"		Boring Number: B-16	

Sample	% Recovery	PID Reading (ppm)	Depth (Feet)	USCS Soil Type	Lithology/Description
	90	0.0	0-0.5	GP	Asphalt and crushed bluestone.
		4.4	0.5-4	SC	Grey to dark brown fine-to-medium grained sand with gravel and clay, dry.
X		263.0	4-5	SP	Black petroleum-stained fine-to-medium grained sand with gravel and bricks, dry. Strong petroleum odor.
	90	2.1	5-7		Dark brown fine-to-medium grained sand with gravel and bricks, dry.
		0.0	7-10		Black fine-to-medium grained sand with gravel, saturated.

Completion Notes:

BGS - Below Ground Surface

USCS - Unified Soil Classification System

Collected soil samples from 4-5 ft bgs (Sample ID: B-16 [4-5]).

Groundwater observed in boring ~8 ft bgs.

Temp Well installed to 10 ft bgs; GW sample collected (Sample ID: GW-5).

Boring Location:
To the southeast of Building D.

100 Motor Parkway, Suite 135, Hauppauge, New York, 11788
Tel: 631 - 787 - 3400 Fax: 631 - 813 - 2545

Attachment E
UIC Characteristics

ATTACHMENT E
57 ALEXANDER STREET
YONKERS, NEW YORK
CHARACTERISTICS OF INVESTIGATED UIC STRUCTURES

UIC Structure Designation	Sampled	Diameter	Construction	Depth to Water	Depth To Sediment	Vertical Measurement of Standing Water	PID Reading	Sediment Sample Depth	Notes
SD-1	X	3 ft	Pre-cast Concrete	Dry	2 ft	N/A	0.0 ppm	Discrete Sample at 2-ft	An at-grade stormdrain located to the south-southeast of Building C. Stormwater entering this structure flows into the Hudson River. A black fine-to-coarse grained sand with gravel sample was collected. No odor was observed.
SD-2	X	3 ft	Pre-cast Concrete	1.5 feet	2 ft	0.5 feet	56.0 ppm	Discrete Sample at 2-ft	An at-grade stormdrain located to the south-southeast of Building C and to the south of stormdrain SD-1. Stormwater entering this structure flows into the Hudson River. A black coarse-grained sand with gravel sample was collected. Slight petroleum sheaning was identified on the surface of water within the structure. However, no odor was observed.

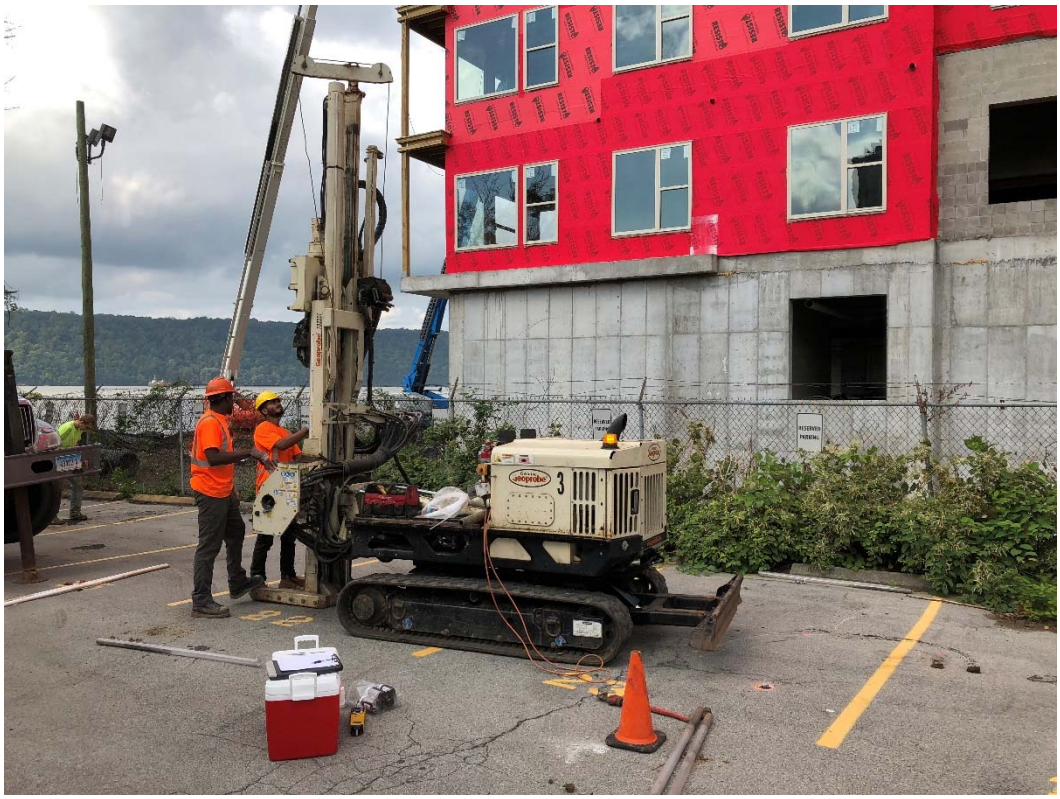
Notes:
NA - Not Applicable / Not Available
ft - feet
PID (ppm) - Photoionization detector reading of bottom sediment sample in parts per million

Attachment F
Site Photos

Photograph No. 1: Photograph of storm drain SD-1, which was confirmed to discharge into the Hudson River (facing west).

Photograph No. 2: Photograph of storm drain SD-2 located on the southwestern portion of the subject property.

Photograph No. 3: Photograph of the hard-piped interior floor drain located within the eastern portions of Building D.



Photograph No. 4: Representative photograph of AARCO drilling boring B-9 on the northern portion of the subject property via Geoprobe®.

Photograph No. 5: Photograph of the on-site groundwater monitoring well associated with the 5,000-gallon No. 2 fuel oil UST grave (facing west).

Photograph No. 6: Photograph of the location of boring B-16 (facing west).

Photograph No. 7: Photograph of the sample cores from boring B-16.

Attachment G
NYSDOH Soil Vapor/Indoor Air Guidance and Matrices

Soil Vapor/Indoor Air Matrix A

May 2017

Analytes Assigned:
Trichloroethene (TCE), *cis*-1,2-Dichloroethene (*c*12-DCE), 1,1-Dichloroethene (11-DCE), Carbon Tetrachloride

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)		
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 0.2	0.2 to < 1	1 and above
< 6	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	4. No further action	5. MONITOR	6. MITIGATE
60 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX A

This matrix summarizes actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

[1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate analyte-specific, building-specific conditions (e.g., dirt floor in basement, crawl spaces, thick slabs, current occupancy, etc.), and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, collection of additional samples may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Mitigation might be recommended when the results of multiple contaminants indicate monitoring is recommended. Proactive actions may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action might be undertaken for reasons other than public health (e.g., seeking community acceptance, reducing costs, etc.). However, actions implemented *in lieu* of sampling will typically be expected to be captured in the final engineering report and site management plan, and might not rule out the need for post-implementation sampling (e.g., to document effectiveness or to support terminating the action).

[2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of soil vapor contamination, nor does it preclude remediating contaminated soil vapor or the source of soil vapor contamination.

[3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 0.20 microgram per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples and dirt floor soil vapor samples, a minimum reporting limit of 1 microgram per cubic meter is recommended.

[4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions might be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.

[5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.

[6] The party responsible for implementing the recommended actions will differ depending upon several factors, including but not limited to the following: the identified source of the volatile chemicals, the environmental remediation program, and analyte-specific, site-specific and building-specific factors.

Soil Vapor/Indoor Air Matrix B

May 2017

Analytes Assigned:
Tetrachloroethene (PCE), 1,1,1-Trichloroethane (111-TCA), Methylene Chloride

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)		
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 3	3 to < 10	10 and above
< 100	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
100 to < 1,000	4. No further action	5. MONITOR	6. MITIGATE
1,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX B

This matrix summarizes actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

[1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate analyte-specific, building-specific conditions (e.g., dirt floor in basement, crawl spaces, thick slabs, current occupancy, etc.), and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, collection of additional samples may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Mitigation might be recommended when the results of multiple contaminants indicate monitoring is recommended. Proactive actions may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action might be undertaken for reasons other than public health (e.g., seeking community acceptance, reducing costs, etc.). However, actions implemented *in lieu* of sampling will typically be expected to be captured in the final engineering report and site management plan, and might not rule out the need for post-implementation sampling (e.g., to document effectiveness or to support terminating the action).

[2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of soil vapor contamination, nor does it preclude remediating contaminated soil vapor or the source of soil vapor contamination.

[3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 1 microgram per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples and dirt floor soil vapor samples, a minimum reporting limit of 1 microgram per cubic meter is recommended.

[4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions might be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.

[5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.

[6] The party responsible for implementing the recommended actions will differ depending upon several factors, including but not limited to the following: the identified source of the volatile chemicals, the environmental remediation program, and analyte-specific, site-specific and building-specific factors.

Soil Vapor/Indoor Air Matrix C

May 2017

Analytes Assigned:
Vinyl Chloride

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)	
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 0.2	0.2 and above
< 6	1. No further action	2. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	3. MONITOR	4. MITIGATE
60 and above	5. MITIGATE	6. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX C

This matrix summarizes actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

[1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate analyte-specific, building-specific conditions (e.g., dirt floor in basement, crawl spaces, thick slabs, current occupancy, etc.), and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, collection of additional samples may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Mitigation might be recommended when the results of multiple contaminants indicate monitoring is recommended. Proactive actions may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action might be undertaken for reasons other than public health (e.g., seeking community acceptance, reducing costs, etc.). However, actions implemented *in lieu* of sampling will typically be expected to be captured in the final engineering report and site management plan, and might not rule out the need for post-implementation sampling (e.g., to document effectiveness or to support terminating the action).

[2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of soil vapor contamination, nor does it preclude remediating contaminated soil vapor or the source of soil vapor contamination.

[3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 0.20 microgram per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples and dirt floor soil vapor samples, a minimum reporting limit of 1 microgram per cubic meter is recommended.

[4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions might be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.

[5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.

[6] The party responsible for implementing the recommended actions will differ depending upon several factors, including but not limited to the following: the identified source of the volatile chemicals, the environmental remediation program, and analyte-specific, site-specific and building-specific factors.

Attachment H
Preparer Information