1 December 2022

Apex Investments
Attn: Kasra Sanandaji
7 Penn Plaza, Suite 1400
New York, NY 10001

Re: Limited Phase II Environmental Site Investigation Report
16-63 Cody Avenue (the "Project")
16-63 Cody Avenue
Flushing, Queens County, New York
Langan Project No. 101015501

Dear Mr. Sanandaji:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) has prepared this report to document the results of a Limited Phase II Environmental Investigation (Phase II EI) completed at the above-referenced property. The following is a summary of the findings of this investigation.

Site Description

The site is an approximately 19,900-square-foot property located at Block 3556, Lot 61 and is occupied by a one- and two-story manufacturing warehouse consisting of two woodworking tenants and offices on the first floor and offices and a residential living space on the second floor with a partial basement under the southern portion of the building. The assumed depth of the partial basement is approximately 8 feet below sidewalk level (bsl). The remainder of the property is comprised of a parking lot for a car storage tenant with a storage shed in the northwestern corner of the site.

The subject property is bound to north by one two-story residential building, one two-story mixed-use residential/commercial building, and one automobile repair facility; to the west by a recycling facility; to the east by Cody Avenue followed by elevated railroad tracks; and to the south by a one-story industrial building.

Site History

Preliminary findings from a Phase I Environmental Site Assessment that is being completed by Langan identified that the site's historical operations would be considered a recognized environmental condition (REC). These historical operations include:

- Ridgewood Laundry Inc. which operated within the building between 1936 and 1950;
- Air conditioner manufacturing which operated within the building between 1980 and 2006;
- A fluorescent fixture company and metal specialty company in 1962;
- Shell Oil Co, Shell Metal Manufacturing Corp, and Modell Industries Inc. in 1967; and,
- Metal fabrication operations between 1970 and 2005.

The subject property was not identified within the environmental database report reviewed for releases related to the laundry or manufacturing operations; however, as these historic operations used hazardous materials that have a potential to adversely impact the subsurface soil, groundwater, and soil vapor at the subject property, a Phase II investigation was recommended.

Historic manufacturing operations including electronic products manufacturing were identified on the adjacent properties to the north, south, and west. No releases were identified on the adjacent properties; however, based on the length of time that these adjacent industrial operations occurred, there is a potential for the historic operations to have adversely impacted, primarily on-site groundwater and soil vapor due to the migration of potential contaminants, onto the subject property. As such, the historic operations of the adjacent properties were also considered during completion of the Phase II investigation as potential sources of contamination to the subject property.

Based on the laundry operations identified between 1936 and 1950 and manufacturing between 1967 and 2006 on the subject property and the historic operations on adjacent properties, a limited soil and groundwater investigation was completed as detailed below.

Phase II Environmental Investigation

A limited Phase II EI was completed by Langan in August and October 2022 which included installation of 13 soil borings, eight temporary groundwater monitoring wells, and collection of soil and groundwater samples for laboratory analysis. The boring and temporary groundwater monitoring well sample locations were distributed throughout the site footprint with some locations biased towards the locations of the onsite laundry and manufacturing operations and the historic operations on the adjacent properties. The soil boring and well locations are shown on Figure 1.

Geological and Hydrogeological Conditions

Based on borings completed during the August and October 2022 Phase II investigations, stratigraphy of the site consists of an approximately 0- to 11-foot thick layer of material, generally consisting of sand with concrete, scrap metal, and brick fragments beneath the manufacturing warehouse, beneath the basement slab, within the sidewalk of Cody Avenue, and on the western

portion of the building exterior. In the remaining portions of the site and beneath the material, the subsurface consisted of a silty sand with cobbles and boulders. Soil borings SB01 through SB06 were completed until drilling refusal, presumably on cobbles and/or boulders, was encountered at approximately 13 to 22 feet below sidewalk level (bsl). Soil borings SB07 through SB11 were completed to between 35 and 70 feet bsl. SB12 and SB13 were completed until drilling refusal on interspersed boulders was encountered, at approximately 40 feet bsl.

Temporary groundwater monitoring wells were installed within soil borings SB07, SB08, and SB10 through SB13 during the October 2022 investigation. As discussed below, three temporary groundwater monitoring wells (TWP08, TWP12, TWP13) were installed up to 40 feet bsl and three temporary groundwater monitoring wells (TWP07, TWP10, TWP11) were installed up to 70 feet bsl. Groundwater was encountered between 60.0 and 62.5 feet below grade within temporary groundwater monitoring wells completed to 70 feet bsl. Based on water level gauging and interpreted approximate elevation of the monitoring wells, the flow of groundwater is presumed to be in the westerly direction.

Based on the presence of shallow groundwater in temporary groundwater monitoring wells installed during the August 2022 investigation in the northern portion of the site (TWP04 and TWP06), but not encountered within the shallow subsurface at three additional wells installed throughout the site during the October 2022 investigation activities, groundwater is assumed to be present in a perched condition in the northwest portion of the site. Perched groundwater was measured during Langan's August 2022 investigation at 18 feet bsl (TMW06) and 18.8 feet bsl (TMW04).

Soil Investigation Procedures and Field Observations

On 26 and 29 August 2022, six soil borings (SB01 through SB06) were completed in accessible portions of the Site to investigate soil and groundwater conditions and assess the potential presence of impacts associated with historical site operations. Between 24 and 28 October 2022, seven additional soil borings (SB07 through SB13) were completed to further investigate impacts in soil and particularly groundwater in the portions of the site that were not evaluated as part of the August 2022 investigation due to boring refusal. The borings were completed by AARCO Environmental Services, Corp. (AARCO) of Lindenhurst, New York. All soil boring locations are shown on Figure 1.

The following soil borings were advanced at the site:

- SB01 and SB02 were completed within the basement to assess potential impacts from onsite historic laundry and manufacturing operations. The borings were completed to refusal, which was encountered between 5 and 10.5 feet below the basement slab (corresponding to 13 to 18.5 feet bsl), using a limited access Geoprobe® 420M direct

push drill rig. Soil boring SB12 was completed to 31 feet below the basement slab (corresponding to 39 feet bsl) with a Acker Kodiak modular drill unit;

- SB03 was completed to refusal, which was encountered at 22 feet bsl, with a track-mounted Geoprobe® 6610DT direct push drill rig and SB11 was completed to 70 feet bsl with a Acker Kodiak modular drill unit. The borings were completed within the portion of the manufacturing warehouse that did not have a basement, in order to assess potential impacts from onsite historic laundry and manufacturing operations;

- SB04 and SB06 were completed to refusal, which was encountered at 25 feet bsl, with a track-mounted Geoprobe® 6610DT direct push drill rig. Soil boring SB07 was completed to 70 feet bsl with a Geoprobe® 8150 LS Sonic drill rig along the northern property boundary within the parking lot to assess potential impacts from historical operations including electronic product manufacturing one of the adjacent properties to the north;

- SB05 was completed to refusal, which was encountered at 27 feet bsl,with a track-mounted Geoprobe® 6610DT direct push drill rig, Borings SB08 and SB10 were completed to 70 feet bsl using a Geoprobe® 8150 LS Sonic drill rig, and SB09 was completed to 40 feet bsl with a Geoprobe® 8150 LS Sonic drill rig within the parking lot to assess general site conditions throughout the site footprint; and

- SB13 was completed to 40 feet bsl with a Geoprobe® 7822DT direct push drill rig in the sidewalk of Cody Avenue to assess potential impacts from onsite historic operations to the east.

Continuous macrocore samples were collected to the bottom of soil borings SB01 through SB06, and SB13. A combination of split spoon and macrocore samples were collected at SB11 and SB12. Sonic core bags were collected from soil borings SB07 through SB10. Field screening of soil during sample collection for volatile organic compounds (VOCs) using a photo-ionization detector (PID) was completed during the installation of all 13 test borings and all soil samples were screened for visual or olfactory evidence of impacts. Odors and elevated PID readings between 520 parts-per-million (ppm) and 2,060 ppm in SB10 between 63.5 and 69 feet bsl and between 12 ppm and 414 ppm in SB12 between 23 and 37 feet bsl (corresponding to 15 and 29 feet below the basement slab). Elevated PID readings and/or odor and staining were not observed in any other soil borings completed as part of the Phase II EI. Soil boring logs are provided in Attachment A.

Twenty soil samples were collected for chemical analysis during the Phase II EI. Six discrete soil samples were collected from borings SB01 through SB06 during the August 2022 investigation and fourteen discrete soil samples were collected from SB07 through SB13 during the October 2022 investigation. A soil sample and rational summary is provided in Table 1. Sample

depths on Table 1 are identified as below sidewalk level. It should be noted that samples collected from borings SB01 and SB02 were collected from 0.5 to 2.5 feet beneath the basement slab (which corresponds to 8.5 to 10.5 feet bsl) and the samples collected from boring SB12 were collected from 1 to 3 feet and 15 to 17 feet beneath the basement slab (which corresponds to 9 to 11 and 23 to 25 feet bls, respectively).

Soil samples collected from soil borings SB01 through SB06 were submitted to York Analytical Laboratories, Inc. (York) of Stratford, CT for NYSDEC Part 375-specified VOCs and semi-volatile organic compounds (SVOCs). Soil samples collected from soil borings SB07 through SB13 were submitted to Alpha Analytical, Inc. (Alpha) of Westborough, MA for VOCs, SVOCs and Target Analyte List Metals. Complete laboratory data packages are provided in Attachment C.

Soil Sampling Quality Assurance/Quality Control

All soil sampling devices were properly decontaminated according to NYSDEC and ASTM (ASTM D-5088-90) guidelines prior to each sampling location. For borings completed with Geoprobe® 6610DT, 7782DT or 420M limited access drilling rigs, each macrocore was lined with a dedicated acetate liner prior to the collection of each 5 or 3-foot long soil sample. For borings completed with the Acker Kodiak modular drill unit, a stainless steel 2-foot split spoon was used and decontaminated between each soil sample. Dedicated core sampling bags were used for the collection of samples at borings completed with the Geoprobe® 8150 LS Sonic. Soil samples were then placed in glass jars supplied by the laboratory. Soil samples collected for VOCs were obtained via a plunger calibrated to collect approximately 5 grams of soil and then placed in a vial that was preserved with methanol or distilled water.

Each soil sample was recorded in a field log book. Samples were transferred to the laboratory immediately after field sampling was completed, and were stored at a maximum of 4° Celsius. Chain-of-custody forms were utilized to document custody for the acquisition, possession, and analysis.

Quality assurance (trip blanks) and quality control samples (field blank and duplicate sample) were incorporated into the sampling event and consisted of two field blanks, two duplicate samples, and two trip blanks during the Phase II EI. The August 2022 duplicate and field blank samples were analyzed for VOCs and SVOCs. The October 2022 duplicate and field blank samples were analyzed for VOCs, SVOCs, and metals. The trip blank samples were analyzed for VOCs only.

Ground Water Investigation and Field Observations

On 29 August and between 24 and 28 October 2022, eight temporary groundwater monitoring wells (TMW04, TMW06, TWP07, TWP08, and TWP10 through TWP13) were installed by a licensed well driller from AARCO. Temporary groundwater monitoring wells were completed to depths ranging from 20.5 feet bsl in TWP06 to 70 feet bsl in TWP07, TWP10, and TWP11.

Monitoring well locations were measured in the field from the nearest property boundary and are shown on Figure 1.

Temporary groundwater monitoring wells TWP04 and TWP06 were installed within the borings with inferred groundwater to assess general site conditions during the August 2022 investigation. Based on the presence of elevated concentrations of tetrachloroethene (PCE) and tricholorethene (TCE) in groundwater from the August 2022 investigation, additional temporary groundwater monitoring wells were installed to 40 feet bsl (TWP08, TWP12, and TWP13) and 70 feet bsl (TWP07, TWP10, and TWP11) to further characterize the groundwater present at the site.

Temporary groundwater monitoring wells installed such that the monitoring well screen straddled the groundwater interface to allow for the evaluation of the potential presence of light non-aqueous phase liquid (LNAPL). Groundwater monitoring well construction details are summarized in Table 1 and monitoring well construction logs are provided in Attachment A.

Groundwater levels were measured prior to sampling with an oil/water interface probe. Neither LNAPL nor dense non-aqueous phase liquid (DNAPL) were detected in any of the temporary groundwater monitoring wells. Groundwater was measured to be between approximately 60.0 and 62.5 feet below grade within temporary groundwater monitoring wells completed to 70 feet bsl. Based on water level gauging and approximate elevation of the monitoring well casing, the flow of groundwater is presumed to be in the westerly direction.

Perched groundwater was measured in temporary groundwater monitoring wells completed during Langan's August 2022 investigation at 18 feet bsl (TMW06) and 18.8 feet bsl (TMW04). Groundwater was not encountered within monitoring wells TWP08, TWP12, or TWP13.

Two groundwater samples (TWP04 and TWP06) were collected on 29 August 2022 using dedicated polyethylene tubing and a peristaltic pump at each location. Three groundwater samples (TWP07, TWP10, and TWP11) were collected between 27 and 28 October 2022 using dedicated polyethylene tubing and a bladder pump at each location. The groundwater samples were collected for chemical analysis via United States Environmental Protection Agency (USEPA) low-flow purging and sampling methods with exception of TMP06 which went dry during purging activities. A groundwater sample was collected from this location immediately following the recharge of this well with sufficient volume for laboratory analysis. Groundwater field parameters, including pH, specific conductivity, dissolved oxygen, oxidation-reduction potential, temperature, and turbidity were measured during low-flow purging activities in TWP04, TWP07, TWP10, and TWP11. No odors, evidence of sheen, or free product were observed during purging or sampling activities in any of the wells. Low-flow groundwater sampling logs are provided in Attachment B.

Groundwater samples collected from TWP04 and TWP06 were submitted to York for NYSDEC Part 375-spectified VOC analysis only and samples collected from TWP07, TWP10, and TWP11 were submitted to Alpha for NYSDEC Part 375-specified VOC, SVOC, and both total (unfiltered) and dissolved (filtered) metals analysis. Complete laboratory data packages are provided in Attachment C.

Groundwater Sampling Quality Assurance/Quality Control

Collected groundwater samples were placed in containers supplied by the laboratory with the appropriate preservatives. Each groundwater sample was recorded in a field log book. Samples were transferred to the laboratory immediately after field sampling was completed, and were stored prior to submission to the laboratory at a maximum of 4° Celsius. Chain-of-custody forms were utilized to document custody for the acquisition, possession, and analysis. Quality assurance (trip blanks) and quality control samples (field blank and duplicate samples) were incorporated into the sampling event and consisted of one field blank, two trip blanks, and one duplicate sample for groundwater samples collected during the Phase II EI. The groundwater field blank and duplicate sample were analyzed for VOCs, SVOCs, and total and dissolved metals. The trip blanks were analyzed for VOCs only.

Laboratory Analytical Results

Soil Analytical Results

All soil analytical results were compared to the NYSDEC Unrestricted Use Soil Cleanup Objectives (SCOs), Restricted-Residential Restricted Use SCOs (RUSCOs), Restricted Use Commercial SCOs, and Protection of Groundwater SCOs and are summarized in Table 2 and are shown on Figure 2.

VOCs

Analytical results revealed exceedances of the NYSDEC Unrestricted Use SCOs, Restricted Residential RUSCOs, Restricted Use Commercial SCOs, and/or Protection of Groundwater SCOs.

Chlorinated volatile organic compounds (CVOCs) detected at concentrations exceeding the NYSDEC Unrestricted Use SCOs and Protection of Groundwater SCOs included: cis-1,2-dichloroethene (2.1 mg/kg) and trans-1,2-dichloroethene (3.1 mg/kg) detected in sample SB07 from 1 to 3 feet bsl; PCE (2.2 mg/kg – 7.8 mg/kg) detected in samples SB11 from 2 to 4 feet bsl and SB12 from 23 to 25 feet bsl, respectively; and TCE (3.1 mg/kg – 4.7 mg/kg) detected in samples SB07 at 1 to 3 feet bsl and SB11 from 2 to 4 feet bsl, respectively. In addition to these exceedances, PCE (0.0022 mg/kg – 0.32 mg/kg) was also detected at concentrations below the Unrestricted Use SCOs in 15 samples and TCE (0.00041 mg/kg

– 0.15 mg/kg) was detected at concentrations below the Unrestricted Use SCOs in 13 samples at varying depths and locations across the site.

Petroleum related exceedances to the NYSDEC Unrestricted Use SCOs, Restricted Residential RUSCOs, Restricted Use Commercial SCOs, and Protection of Groundwater SCOs were detected within sample SB10 at 65 to 67 feet bsl and include 1,2,4-trimethylbenzene (890 mg/kg) and 1,3,5-trimethylbenzene (240 mg/kg). Additionally, n-propylbenzene (140 mg/kg) was detected exceeding the NYSDEC Unrestricted Use SCOs, Restricted Residential RUSCOs, and Protection of Groundwater SCOs and ethylbenzene (13 mg/kg), n-butylbenzene (65 mg/kg), sec-butylbenzene (27 mg/kg), and total xylenes (11 mg/kg) were detected exceeding the NYSDEC Unrestricted Use SCOs and Protection of Groundwater SCOs. Exceedances to the Unrestricted Use SCOs included total xylenes (0.44 mg/kg) detected in sample SB12 from 23 to 25 feet bsl.

Acetone, a common laboratory artifact, was detected at concentrations exceeding the NYSDEC Unrestricted Use SCOs and Protection of Groundwater SCOs (0.062 mg/kg), in sample SB12 from 9 to 11 feet bsl.

SVOCs

SVOCs were detected within the material identified on the western portion of the property and beneath the building and basement on the site from SB07, SB08, SB09, and SB11 above the NYSDEC Unrestricted Use SCOs, Restricted Residential RUSCOs, Restricted Use Commercial SCOs, and/or Protection of Groundwater SCOs.

Benzo(a)pyrene (1.6 mg/kg – 2.6 mg/kg) was detected in samples SB07, SB09, and SB11 exceeding the NYSDEC Restricted Use Commercial SCOs. Benzo(a)anthracene (1.3 mg/kg – 3.5 mg/kg), benzo(b)fluoranthene (2.2 mg/kg – 4.7 mg/kg), and chrysene (1.4 mg/kg – 4.4 mg/kg) were detected in samples from the shallow material in SB07, SB09, and SB11 exceeding the NYSDEC Unrestricted Use SCOs, Restricted Residential RUSCOs, and Protection of Groundwater SCOs. Indeno(1,2,3-cd)pyrene (0.51 mg/kg – 1.8 mg/kg) was detected in samples from the shallow material in SB07, SB08, SB09, SB11 and dibenzo(a,h)anthracene (0.46 mg/kg) was detected in samples from the shallow material in SB11 exceeding the NYSDEC Unrestricted Use SCOs and the Restricted Residential RUSCOs. Benzo(k)fluoranthene (0.96 mg/kg – 1.4 mg/kg) was detected in SB09 and SB11, respectively, exceeding the NYSDEC Unrestricted Use SCOs.

Metals

Metals were detected within the shallow material in SB07, SB09, SB10, SB11, SB12, and SB13 and within the soil on the remainder of the property in soil borings SB07, SB08, SB09, SB10, SB12, and SB13 above the NYSDEC Unrestricted Use SCOs, Restricted Residential RUSCOs, Restricted Use Commercial SCOs, and/or Protection of Groundwater SCOs.

In the shallow material, the following metals were detected at concentrations exceeding the Restricted Residential RUSCOs: arsenic (29.5 mg/kg in sample SB07); barium (426 mg/kg in sample SB11); total chromium (8.32 mg/kg – 23.9 mg/kg in samples SB07 and SB12); copper (85.3 mg/kg – 637 mg/kg in sample SB07); lead (85.6 mg/kg – 499 mg/kg in samples SB07 and SB09) and mercury (0.31 mg/kg – 0.888 mg/kg in sample SB09). Several metals were also detected above the Unrestricted Use SCOs including: cadmium, total chromium, copper, lead, mercury, nickel and zinc.

In the deeper soil on the remainder of the property, the following metals were detected at concentrations exceeding the Restricted Residential RUSCOs: arsenic (31.8 mg/kg in sample SB08) and mercury (0.817 mg/kg in sample SB08). Several metals were also detected above the Unrestricted Use SCOs including: total chromium, copper, lead, and zinc.

Groundwater Analytical Results

All groundwater analytical results were compared to the NYSDEC Ambient Water Quality Standards and Guidance Value (SGVs) and are summarized in Table 3 and are shown on Figure 3.

VOCs

Analytical results revealed CVOCs exceedances of the NYSDEC SGVs in the perched water identified in temporary groundwater monitoring wells TWP04 and TWP06, including cis-1,2-dichloroethene (cis-1,2-DCE) (26 µg/l) in TWP04 and PCE (17.3 µg/l – 53.2 µg/l) and trichloroethene (TCE) (39.3 µg/l – 84 µg/l) in TWP06 and TWP04, respectively.

CVOCs were detected in groundwater above the NYSDEC SGVs in the temporary groundwater monitoring wells TWP07, TWP10, and TWP11 including PCE (7.5 µg/l - 260 µg/l) in TWP10 and TWP11, TCE (9.6 µg/l) in TWP11 and chloroform (14 µg/l – 33 µg/l) in TWP07, TWP10, and TWP11. Other VOCs detected above the NYSDEC SGVs included acetone (73 µg/l), naphthalene (14 µg/l) in TWP11. The highest concentrations of chlorinated VOCs were highest in TWP11, which was installed within the manufacturing warehouse on the southwestern portion of the site.

SVOCs

Analytical results revealed exceedances of the NYSDEC SGVs for the SVOCs in the perched water in TWP04 for benzo(a)anthracene (0.205 µg/l), benzo(a)pyrene (0.185 µg/l), benzo(b)fluoranthene (0.164 µg/l), benzo(k)fluoranthene (0.164 µg/l), chrysene (0.185 µg/l), and indeno(1,2,3-cd)pyrene (0.133 µg/l).

SVOCs detected above the NYSDEC SGVs in the temporary groundwater monitoring wells advanced to 70 feet bgs (TWP07, TWP10, and TWP11) included benzo(a)anthracene (0.04 µg/l – 0.12 µg/l) in TWP 07, TWP10, and TWP11, benzo(b)fluoranthene (0.02 µg/l – 0.07 µg/l) in TWP10 and TWP11, and benzo(a)pyrene (0.09 µg/l), benzo(k)fluoranthene (0.02 µg/l), chrysene (0.07 µg/l), indeno(1,2,3-cd)pyrene (0.06 µg/l), naphthalene (32 µg/l), and phenol (1.2 µg/l) in TWP11.

Metals

Analytical results revealed exceedances of the NYSDEC SGVs for metals in temporary groundwater monitoring wells advanced to 70 feet bgs (TWP07, TWP10, and TWP11) including dissolved antimony (4.04 µg/l), dissolved sodium (38,400 µg/l), and total sodium (22,900 µg/l) in TWP11, total chromium (155.7 µg/l) and total lead (93.75 µg/l) in TWP10, dissolved iron (1,430 µg/l – 7,010 µg/l) in TWP07 and TWP11, dissolved manganese (834 µg/l – 1,831 µg/l) in TWP07 and TWP10, and total iron (7,170 µg/l – 45,200 µg/l) and total manganese (706.7 µg/l – 3,412 µg/l) in all temporary groundwater monitoring wells.

Conclusions and Recommendations

Based on the results of the Phase II EI, the presence of shallow material on the western portion of the property and beneath the building and basement on the site is impacted with SVOCs and metals and chlorinated VOCs in soil and groundwater were identified.

Material consisting of sand with concrete, scrap metal, and brick fragments was present along the western portion of the property and beneath the building and basement on the site. The material was not detected on the eastern portion of the site. Four samples of this material identified SVOCs above the NYSDEC Unrestricted Use SCOs, Restricted-Residential RUSCOs, Restricted Use Commercial SCOs, and/or Protection of Groundwater SCOs.

The CVOCs, PCE and TCE were detected at concentrations exceeding the Unrestricted Use SCOs and Protection of Groundwater SCOs in two soil samples collected in shallow material and also within the deeper soil at the site. Additionally, PCE was detected in 15 samples and TCE was detected in 13 samples at concentrations not exceeding the Unrestricted Use SCOs at varying depths and locations across the site. Groundwater analytical results also identified CVOCs exceeding the SGVs in the perched groundwater on the northwestern portion of the site and within the groundwater on the central and southern portion of the site. Specifically, the highest

concentration of PCE at 260 µg/l in groundwater was detected at the TWP11 location which was installed within the footprint of the historical Ridgewood Laundry Inc. operations. Due to the limited nature of this Phase II, additional investigation would be required to further define potential sources of those impacts in the soil as well as groundwater. As only shallow groundwater has been investigated to date, any additional investigation should also attempt to vertically delineate the groundwater impacts associated with the historic use.

SVOCs and metals were detected above the SGVs within groundwater collected from TWP07, TWP10, and TWP11.

Based on the presence of impacts in soil, particularly the material on the western portion of the property and beneath the building and basement on the site, in exceedance of the NYSDEC Restricted Use Restricted Residential criteria; and the proposed redevelopment of the site as low-income housing or a homeless shelter, it is anticipated that the site would be eligible for inclusion in the New York State Brownfield Cleanup Program (BCP).

Sincerely,
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Christopher McMahon
Associate

Steven Ciambruschini, P.G.
Senior Principal / Senior Vice President

SAC:CM:kn
Attachments: Tables 1, 2, and 3
Figures 1, 2, and 3
Attachments A, B, and C

cc: Dennis Freed – Dennis Freed Consulting
Lauren Kott – Langan

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TABLES

Table 1
Limited Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

16-63 Cody Avenue
Queens, New York
Langan Project No.: 101015501

Matrix	Soil Boring	Date	Sample Name	Sample Depth (ft bsl)	Material	PID (ppm)	Rationale	Analysis
Soil	SB01	8/26/2022	SB01_0.5-2.5	8.5-10.5	Fill	0.0	Fill Material	VOC, SVOC
	SB02	8/26/2022	SB02_0.5-2.5	8.5-10.5	Fill	0.0	Fill Material	VOC, SVOC
	SB03	8/29/2022	SB03_0.5-2.5	0.5-2.5	Fill	0.0	Fill Material	VOC, SVOC
	SB04	8/29/2022	SB04_20-22	20-22	Sand	0.0	Interval Above Groundwater	VOC, SVOC
	SB05	8/29/2022	SB05_2-3	2-3	Sand	0.0	Surficial Soil	VOC, SVOC
	SB06	8/29/2022	SB06_18-20	18-20	Sand	0.0	Interval Above Groundwater	VOC, SVOC
	SB07	10/24/2022	SB07_1-3	0.5-2.5	Fill	0.0	Fill Material	VOC, SVOC, Metals
		10/24/2022	SB07_5-7	5-7	Sand	0.0	Interval Below Fill Material	VOC, SVOC, Metals
	SB08	10/24/2022	SB08_5-7	5-7	Sand	1.9	Interval Below Fill Material	VOC, SVOC, Metals
		10/24/2022	SB08_51-53	51-53	Sand	0.0	Interval Above Groundwater	VOC, SVOC, Metals
	SB09	10/25/2022	SB09_1-3	1-3	Fill	0.0	Fill Material	VOC, SVOC, Metals
		10/25/2022	SB09_3-5	3-5	Sand	1.0	Interval Below Fill Material	VOC, SVOC, Metals
	SB10	10/25/2022	SB10_0.5-2.5	0.5-2.5	Fill	0.5	Fill Material	VOC, SVOC, Metals
		10/25/2022	SB10_65-67	65-67	Sand	2000+	Most Impacted Interval	VOC, SVOC, Metals
	SB11	10/24/2022	SB11_2-4	2-4	Fill	0.0	Fill Material	VOC, SVOC, Metals
		10/25/2022	SB11_10-12	10-12	Fill/Sand	0.0	Interval Below Fill Material	VOC, SVOC, Metals
	SB12	10/27/2022	SB12_9-11	9-11	Fill	0.0	Fill Material	VOC, SVOC, Metals
		10/28/2022	SB12_23-25	23-25	Sand	414.0	Most Impacted Interval	VOC, SVOC, Metals
	SB13	10/27/2022	SB13_0.5-2.5	0.5-2.5	Fill	0.0	Fill Material	VOC, SVOC, Metals
		10/27/2022	SB13_7.5-9.5	7.5-9.5	Sand	0.4	Interval Below Fill Material	VOC, SVOC, Metals
Matrix	TWP ID	Date	Screen Interval (ft bsl)		Material		Rationale	Analysis
Groundwater	TWP04	8/29/2022	20-30		GW		Shallow	VOC, SVOC
	TWP06	8/29/2022	10.5-20.5		GW		Shallow	VOC, SVOC
	TWP07	10/24/2022	50-70		GW		Deep	VOC, SVOC, Metals
	TWP08	10/24/2022	15-40		GW		Shallow	VOC, SVOC, Metals
	TWP10	10/25/2022	55-70		GW		Deep	VOC, SVOC, Metals
	TWP11	10/26/2022	55-70		GW		Deep	VOC, SVOC, Metals
	TWP12	10/28/2022	19-39		GW		Shallow	VOC, SVOC, Metals
	TWP13	10/27/2022	20-40		GW		Shallow	VOC, SVOC, Metals

VOC - Volatile Organic Compounds
SVOC - Semi-Volatile Organic Compounds
ft bsl - feet below sidewalk level

Table 2
Limited Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

16-63 Cody Avenue
Queens, New York
Langan Project No.: 101015501

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB01	SB01	SB02	SB03	SB04	SB05	SB06	SB07	SB07	SB08	SB08
						Sample Name	SB01_0.5-2.5	DUP20220826	SB02_0.5-2.5	SB03_0.5-2.5	SB04_20-22	SB05_2-3	SB06_18-20	SB07_1-3	SB07_5-7	SB08_5-7	SB08_51-53
						Sample Date	08/26/2022	08/26/2022	08/26/2022	08/29/2022	08/29/2022	08/29/2022	08/29/2022	10/24/2022	10/24/2022	10/24/2022	10/24/2022
						Sample Depth	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5	20-22	2-3	18-20	1-3	5-7	5-7	51-53
						Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																	
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.031 U	<0.00046 U	<0.00052 U	<0.00055 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	500	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.031 U	<0.00046 U	<0.00052 U	<0.00055 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.031 U	<0.00046 U	<0.00052 U	<0.00055 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.062 U	<0.00092 U	<0.001 U	<0.0011 U
1,1-Dichloroethane	75-34-3	0.27	0.27	26	240	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.062 U	<0.00092 U	<0.001 U	<0.0011 U
1,1-Dichloroethene	75-35-4	0.33	0.33	100	500	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.062 U	<0.00092 U	<0.001 U	<0.0011 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.031 U	<0.00046 U	<0.00052 U	<0.00055 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	0.013 J	<0.0018 U	<0.0021 U	<0.0022 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
1,2,4-Trimethylbenzene	95-63-6	**3.6**	3.6	52	190	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	0.038 J	<0.0018 U	<0.0021 U	<0.0022 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.18 U	<0.0028 U	<0.0031 U	<0.0033 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.062 U	<0.00092 U	<0.001 U	<0.0011 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	500	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	0.0098 J	<0.0018 U	<0.0021 U	<0.0022 U
1,2-Dichloroethane	107-06-2	0.02	0.02	3.1	30	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.062 U	<0.00092 U	<0.001 U	<0.0011 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.062 U	<0.00092 U	<0.001 U	<0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**8.4**	8.4	52	190	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	0.016 J	<0.0018 U	<0.0021 U	<0.0022 U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	280	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	130	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	0.034 J	<0.0018 U	<0.0021 U	<0.0022 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	130	mg/kg	<0.039 U	<0.05 U	<0.048 U	<0.042 U	<0.041 U	<0.048 U	<0.044 U	<5 U	<0.073 U	<0.083 U	<0.088 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
2-Chlorotoluene	95-49-8	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.62 U	<0.0092 U	<0.01 U	<0.011 U
4-Chlorotoluene	106-43-4	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
4-Ethyltoluene	622-96-8	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	0.049 J	<0.0018 U	<0.0021 U	<0.0022 U
Acetone	67-64-1	**0.05**	0.05	100	500	mg/kg	<0.0039 U	0.017	0.039	0.022	0.013	<0.0048 U	<0.0044 U	<0.62 U	0.011	<0.01 U	<0.011 U
Acrolein	107-02-8	NS	NS	NS	NS	mg/kg	<0.0039 U	<0.005 U	<0.0048 U	<0.0042 U	<0.0041 U	<0.0048 U	<0.0044 U	NA	NA	NA	NA
Acrylonitrile	107-13-1	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.25 U	<0.0037 U	<0.0041 U	<0.0044 U
Benzene	71-43-2	0.06	0.06	4.8	44	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.031 U	<0.00046 U	<0.00052 U	<0.00055 U
Bromobenzene	108-86-1	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
Bromochloromethane	74-97-5	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
Bromodichloromethane	75-27-4	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.031 U	<0.00046 U	<0.00052 U	<0.00055 U
Bromoform	75-25-2	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.25 U	<0.0037 U	<0.0041 U	<0.0044 U
Bromomethane	74-83-9	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
Carbon Disulfide	75-15-0	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.62 U	<0.0092 U	<0.01 U	<0.011 U
Carbon Tetrachloride	56-23-5	0.76	0.76	2.4	22	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.062 U	<0.00092 U	0.003	<0.0011 U
Chlorobenzene	108-90-7	1.1	1.1	100	500	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.031 U	<0.00046 U	<0.00052 U	<0.00055 U
Chloroethane	75-00-3	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
Chloroform	67-66-3	0.37	0.37	49	350	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.093 U	<0.0014 U	0.0025	<0.0016 U
Chloromethane	74-87-3	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.25 U	<0.0037 U	<0.0041 U	<0.0044 U
Cis-1,2-Dichloroethene	156-59-2	**0.25**	0.25	100	500	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	**2.1**	0.00061 J	0.00026 J	<0.0011 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.031 U	<0.00046 U	<0.00052 U	<0.00055 U
Cyclohexane	110-82-7	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	NA	NA	NA	NA
Cymene	99-87-6	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	<0.062 U	<0.00092 U	<0.001 U	<0.0011 U
Dibromochloromethane	124-48-1	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.062 U	<0.00092 U	<0.001 U	<0.0011 U
Dibromomethane	74-95-3	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.62 U	<0.0092 U	<0.01 U	<0.011 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
Ethylbenzene	100-41-4	**1**	1	41	390	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	0.016 J	<0.00092 U	<0.001 U	<0.0011 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.25 U	<0.0037 U	<0.0041 U	<0.0044 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.062 U	<0.00092 U	<0.001 U	<0.0011 U
M,P-Xylene	179601-23-1	NS	NS	NS	NS	mg/kg	<0.0039 U	<0.005 U	<0.0048 U	<0.0042 U	<0.0041 U	<0.0048 U	<0.0044 U	0.074 J	<0.0018 U	<0.0021 U	<0.0022 U
Methyl Acetate	79-20-9	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	0.12	100	500	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.62 U	0.002 J	<0.01 U	<0.011 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.62 U	<0.0092 U	<0.01 U	<0.011 U
Methylcyclohexane	108-87-2	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	NA	NA	NA	NA
Methylene Chloride	75-09-2	0.05	0.05	100	500	mg/kg	<0.0039 U	0.0079 J	0.0068 J	<0.0042 U	<0.0041 U	<0.0048 U	<0.0044 U	<0.31 U	<0.0046 U	<0.0052 U	<0.0055 U
Naphthalene	91-20-3	12	12	100	500	mg/kg	NA	NA	NA	NA	NA	NA	NA	0.077 J	0.00078 J	0.0016 J	0.00077 J
n-Butylbenzene	104-51-8	**12**	12	100	500	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.062 U	<0.00092 U	<0.001 U	<0.0011 U
n-Propylbenzene	103-65-1	**3.9**	3.9	100	500	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.062 U	<0.00092 U	<0.001 U	<0.0011 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	0.021 J	<0.00092 U	<0.001 U	<0.0011 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	**11**	11	100	500	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.062 U	<0.00092 U	<0.001 U	<0.0011 U
Styrene	100-42-5	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.062 U	<0.00092 U	<0.001 U	<0.0011 U
T-Butylbenzene	98-06-6	5.9	5.9	100	500	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	NA	NA	NA	NA
Tert-Butyl Methyl Ether	1634-04-4	0.93	0.93	100	500	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.12 U	<0.0018 U	<0.0021 U	<0.0022 U
Tetrachloroethene (PCE)	127-18-4	**1.3**	1.3	19	150	mg/kg	<0.0019 U	0.0052	0.012	0.0022 J	0.0024 J	0.015	<0.0022 U	0.32	0.0022	0.17	0.0015
Toluene	108-88-3	0.7	0.7	100	500	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.062 U	<0.00092 U	<0.001 U	<0.0011 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	2.6	0.00061 J	0.00026 J	<0.0011 U
Total Xylenes	1330-20-7	**0.26**	1.6	100	500	mg/kg	<0.0058 U	<0.0075 U	<0.0072 U	<0.0063 U	<0.0062 U	<0.0072 U	<0.0066 U	0.095 J	<0.00092 U	<0.001 U	<0.0011 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	<0.031 U	<0.00046 U	<0.00052 U	<0.00055 U
Trans-1,2-Dichloroethene	156-60-5	**0.19**	0.19	100	500	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	**0.47**	<0.0014 U	<0.0016 U	<0.0016 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.062 U	<0.00092 U	<0.001 U	<0.0011 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	<0.31 U	<0.0046 U	<0.0052 U	<0.0055 U
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	21	200	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	0.003 J	0.0041	0.02	<0.0022 U	**3.1**	0.0018	0.15	0.00041 J
Trichlorofluoromethane	75-69-4	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.25 U	<0.0037 U	<0.0041 U	<0.0044 U
Vinyl Acetate	108-05-4	NS	NS	NS	NS	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.62 U	<0.0092 U	<0.01 U	<0.011 U
Vinyl Chloride	75-01-4	0.02	0.02	0.9	13	mg/kg	<0.0019 U	<0.0025 U	<0.0024 U	<0.0021 U	<0.0021 U	<0.0024 U	<0.0022 U	<0.062 U	<0.00092 U	<0.001 U	<0.0011 U

Table 2
Limited Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

16-63 Cody Avenue
Queens, New York
Langan Project No.: 101015501

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB01	SB01	SB02	SB03	SB04	SB05	SB06	SB07	SB07	SB08	SB08
						Sample Name	SB01_0.5-2.5	DUP20220826	SB02_0.5-2.5	SB03_0.5-2.5	SB04_20-22	SB05_2-3	SB06_18-20	SB07_1-3	SB07_5-7	SB08_5-7	SB08_51-53
						Sample Date	08/26/2022	08/26/2022	08/26/2022	08/29/2022	08/29/2022	08/29/2022	08/29/2022	10/24/2022	10/24/2022	10/24/2022	10/24/2022
						Sample Depth	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5	20-22	2-3	18-20	1-3	5-7	5-7	51-53
						Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																	
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	NS	mg/kg	<0.0918 U	<0.0889 U	<0.0868 U	<0.0912 U	<0.0879 U	<0.0915 U	<0.0839 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	500	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	280	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	130	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	130	mg/kg	NA	NA	NA	NA	NA	NA	NA	<0.14 U	<0.027 U	<0.028 U	<0.026 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	NS	mg/kg	<0.0918 U	<0.0889 U	<0.0868 U	<0.0912 U	<0.0879 U	<0.0915 U	<0.0839 U	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.55 U	<0.11 U	<0.11 U	<0.1 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.82 U	<0.16 U	<0.17 U	<0.15 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	NS	mg/kg	<0.0918 U	<0.0889 U	<0.0868 U	<0.0912 U	<0.0879 U	<0.0915 U	<0.0839 U	<4.4 U	<0.86 U	<0.91 U	<0.82 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
2-Chlorophenol	95-57-8	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	0.059 JD	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<1.1 U	<0.21 U	0.025 J	<0.2 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	500	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
2-Nitroaniline	88-74-4	NS	NS	NS	NS	mg/kg	<0.0918 U	<0.0889 U	<0.0868 U	<0.0912 U	<0.0879 U	<0.0915 U	<0.0839 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
2-Nitrophenol	88-75-5	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<2 U	<0.38 U	<0.41 U	<0.37 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	0.33	100	500	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<1.3 U	<0.26 U	0.041 J	<0.25 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
3-Nitroaniline	99-09-2	NS	NS	NS	NS	mg/kg	<0.0918 U	<0.0889 U	<0.0868 U	<0.0912 U	<0.0879 U	<0.0915 U	<0.0839 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	NS	mg/kg	<0.0918 U	<0.0889 U	<0.0868 U	<0.0912 U	<0.0879 U	<0.0915 U	<0.0839 U	<2.4 U	<0.46 U	<0.49 U	<0.44 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
4-Chloroaniline	106-47-8	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
4-Nitroaniline	100-01-6	NS	NS	NS	NS	mg/kg	<0.0918 U	<0.0889 U	<0.0868 U	<0.0912 U	<0.0879 U	<0.0915 U	<0.0839 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
4-Nitrophenol	100-02-7	NS	NS	NS	NS	mg/kg	<0.0918 U	<0.0889 U	<0.0868 U	<0.0912 U	<0.0879 U	<0.0915 U	<0.0839 U	<1.3 U	<0.25 U	<0.26 U	<0.24 U
Acenaphthene	83-32-9	20	98	100	500	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.73 U	<0.14 U	0.038 J	<0.14 U
Acenaphthylene	208-96-8	100	107	100	500	mg/kg	0.0492 JD	0.646 D	<0.0435 U	<0.0457 U	<0.0441 U	0.0549 JD	<0.0421 U	0.24 J	<0.14 U	0.037 J	<0.14 U
Acetophenone	98-86-2	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	0.15 J	<0.18 U	0.027 J	<0.17 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	NS	mg/kg	<0.184 U	<0.178 U	<0.174 U	<0.183 U	<0.176 U	<0.183 U	<0.168 U	NA	NA	NA	NA
Anthracene	120-12-7	100	1000	100	500	mg/kg	<0.046 U	0.523 D	<0.0435 U	<0.0457 U	<0.0441 U	0.0563 JD	<0.0421 U	0.25 J	<0.11 U	0.19	<0.1 U
Atrazine	1912-24-9	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	NA	NA	NA	NA
Benzidine	92-87-5	NS	NS	NS	NS	mg/kg	<0.184 U	<0.178 U	<0.174 U	<0.183 U	<0.176 U	<0.183 U	<0.168 U	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**1**	1	1	5.6	mg/kg	0.106 D	**1.86 D**	<0.0435 U	0.0554 JD	<0.0441 U	0.229 D	<0.0421 U	**1.3**	<0.11 U	0.67	<0.1 U
Benzo(a)pyrene	50-32-8	**1**	22	1	1	mg/kg	0.0829 JD	**1.39 D**	<0.0435 U	0.0547 JD	<0.0441 U	0.203 D	<0.0421 U	**1.6**	<0.14 U	0.82	<0.14 U
Benzo(b)fluoranthene	205-99-2	**1**	1.7	1	5.6	mg/kg	0.0521 JD	0.762 D	<0.0435 U	0.0459 JD	<0.0441 U	0.162 D	<0.0421 U	**2.2**	<0.11 U	0.96	<0.1 U
Benzo(g,h,i)Perylene	191-24-2	100	1000	100	500	mg/kg	<0.046 U	0.616 D	<0.0435 U	<0.0457 U	<0.0441 U	0.116 D	<0.0421 U	1.3	<0.14 U	0.45	<0.14 U
Benzo(k)fluoranthene	207-08-9	**0.8**	1.7	3.9	56	mg/kg	0.0661 JD	**1.34 D**	<0.0435 U	<0.0457 U	<0.0441 U	0.187 D	<0.0421 U	0.64	<0.11 U	0.34	<0.1 U
Benzoic Acid	65-85-0	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	1 J	<0.58 U	0.3 J	<0.55 U
Benzyl Alcohol	100-51-6	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<2.1 U	<0.41 U	<0.43 U	<0.39 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.99 U	<0.19 U	<0.2 U	<0.18 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.82 U	<0.16 U	<0.17 U	<0.15 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<1.1 U	<0.21 U	<0.23 U	<0.2 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	0.0881 D	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	0.45 J	<0.18 U	<0.19 U	<0.17 U
Caprolactam	105-60-2	NS	NS	NS	NS	mg/kg	<0.0918 U	<0.0889 U	<0.0868 U	<0.0912 U	<0.0879 U	<0.0915 U	<0.0839 U	NA	NA	NA	NA
Carbazole	86-74-8	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	0.21 J	<0.18 U	0.074 J	<0.17 U
Chrysene	218-01-9	**1**	1	3.9	56	mg/kg	0.106 D	**1.95 D**	<0.0435 U	0.054 JD	<0.0441 U	0.22 D	<0.0421 U	**1.4**	<0.11 U	0.7	<0.1 U
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	0.56	mg/kg	<0.046 U	0.246 D	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	0.3 J	<0.11 U	0.095 J	<0.1 U
Dibenzofuran	132-64-9	7	210	59	350	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	0.054 J	<0.17 U
Dibutyl phthalate	84-74-2	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
Diethyl phthalate	84-66-2	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
Dimethyl phthalate	131-11-3	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
Dioctyl phthalate	117-84-0	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
Fluoranthene	206-44-0	100	1000	100	500	mg/kg	0.117 D	2.25 D	<0.0435 U	0.0941 D	<0.0441 U	0.399 D	<0.0421 U	2.1	<0.11 U	1.4	<0.1 U
Fluorene	86-73-7	30	386	100	500	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	0.097 J	<0.18 U	0.026 J	<0.17 U
Hexachlorobenzene	118-74-1	0.33	3.2	1.2	6	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.55 U	<0.11 U	<0.11 U	<0.1 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<2.6 U	<0.51 U	<0.54 U	<0.49 U
Hexachloroethane	67-72-1	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.73 U	<0.14 U	<0.15 U	<0.14 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	8.2	0.5	5.6	mg/kg	<0.046 U	0.5 D	<0.0435 U	<0.0457 U	<0.0441 U	0.102 D	<0.0421 U	**1.5**	<0.14 U	**0.51**	<0.14 U
Isophorone	78-59-1	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.82 U	<0.16 U	<0.17 U	<0.15 U
Naphthalene	91-20-3	12	12	100	500	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	0.11 J	<0.18 U	0.094 J	<0.17 U
Nitrobenzene	98-95-3	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.82 U	<0.16 U	<0.17 U	<0.15 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.92 U	<0.18 U	<0.19 U	<0.17 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	NS	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.73 U	<0.14 U	<0.15 U	<0.14 U
Pentachlorophenol	87-86-5	0.8	0.8	6.7	6.7	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	<0.73 U	<0.14 U	<0.15 U	<0.14 U
Phenanthrene	85-01-8	100	1000	100	500	mg/kg	<0.046 U	0.355 D	0.0465 JD	0.0693 JD	<0.0441 U	0.173 D	<0.0421 U	0.84	<0.11 U	0.92	<0.1 U
Phenol	108-95-2	0.33	0.33	100	500	mg/kg	<0.046 U	<0.0445 U	<0.0435 U	<0.0457 U	<0.0441 U	<0.0459 U	<0.0421 U	0.15 J	<0.18 U	0.05 J	<0.17 U
Pyrene	129-00-0	100	1000	100	500	mg/kg	0.167 D	3.55 D	<0.0435 U	0.0751 JD	<0.0441 U	0.34 D	<0.0421 U	2.2	<0.11 U	1.2	<0.1 U
Pyridine	110-86-1	NS	NS	NS	NS	mg/kg	<0.184 U	<0.178 U	<0.174 U	<0.183 U	<0.176 U	<0.183 U	<0.168 U	NA	NA	NA	NA

Table 2
Limited Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

16-63 Cody Avenue
Queens, New York
Langan Project No.: 101015501

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB01	SB01	SB02	SB03	SB04	SB05	SB06	SB07	SB07	SB08	SB08
						Sample Name	SB01_0.5-2.5	DUP20220826	SB02_0.5-2.5	SB03_0.5-2.5	SB04_20-22	SB05_2-3	SB06_18-20	SB07_1-3	SB07_5-7	SB08_5-7	SB08_51-53
						Sample Date	08/26/2022	08/26/2022	08/26/2022	08/29/2022	08/29/2022	08/29/2022	08/29/2022	10/24/2022	10/24/2022	10/24/2022	10/24/2022
						Sample Depth	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5	20-22	2-3	18-20	1-3	5-7	5-7	51-53
						Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals																	
Aluminum	7429-90-5	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	4,870	3,730	6,830	2,690
Antimony	7440-36-0	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	5.48	<4.06 U	0.485 J	<4.07 U
Arsenic	7440-38-2	**13**	16	16	16	mg/kg	NA	NA	NA	NA	NA	NA	NA	**29.5**	1.48	**31.8**	0.946
Barium	7440-39-3	**350**	820	400	400	mg/kg	NA	NA	NA	NA	NA	NA	NA	189	17	69	17.2
Beryllium	7440-41-7	7.2	47	72	590	mg/kg	NA	NA	NA	NA	NA	NA	NA	0.555	0.235 J	0.467	0.212 J
Cadmium	7440-43-9	**2.5**	7.5	4.3	9.3	mg/kg	NA	NA	NA	NA	NA	NA	NA	**3.73**	<0.812 U	0.288 J	<0.814 U
Calcium	7440-70-2	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	10,600	532	1,040	681
Chromium, Total	7440-47-3	**1**	19	110	400	mg/kg	NA	NA	NA	NA	NA	NA	NA	**19.4**	**15.1**	**15.9**	**9.05**
Cobalt	7440-48-4	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	4.47	2.36	4.54	2.76
Copper	7440-50-8	**50**	1720	270	270	mg/kg	NA	NA	NA	NA	NA	NA	NA	**637**	9.83	**66.5**	6.6
Iron	7439-89-6	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	15,000	9,250	23,700	6,970
Lead	7439-92-1	**63**	450	400	1000	mg/kg	NA	NA	NA	NA	NA	NA	NA	**499**	2.18 J	**213**	2.46 J
Magnesium	7439-95-4	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	2,520	1,180	1,420	1,480
Manganese	7439-96-5	1600	2000	2000	10000	mg/kg	NA	NA	NA	NA	NA	NA	NA	83.3	66.1	213	182
Mercury	7439-97-6	**0.18**	0.73	0.81	2.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	0.148	<0.07 U	**0.817**	<0.066 U
Nickel	7440-02-0	**30**	130	310	310	mg/kg	NA	NA	NA	NA	NA	NA	NA	**42.1**	6.53	11	17.5
Potassium	7440-09-7	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	477	460	486	543
Selenium	7782-49-2	3.9	4	180	1500	mg/kg	NA	NA	NA	NA	NA	NA	NA	1.17 J	<1.62 U	1.08 J	<1.63 U
Silver	7440-22-4	2	8.3	180	1500	mg/kg	NA	NA	NA	NA	NA	NA	NA	0.698	<0.406 U	0.41 J	<0.407 U
Sodium	7440-23-5	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	215	127 J	61.2 J	96.8 J
Thallium	7440-28-0	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	0.468 J	<1.62 U	<1.73 U	<1.63 U
Vanadium	7440-62-2	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	180	12	21.6	8.43
Zinc	7440-66-6	**109**	2480	10000	10000	mg/kg	NA	NA	NA	NA	NA	NA	NA	**1,990**	11.2	87.8	11.8
General Chemistry																	
Total Solids	TSOLID	NS	NS	NS	NS	Percent	88.5	91.1	93.9	89.9	94.3	88.8	96.8	89.4	92.6	87.2	95.4

Table 2
Limited Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

16-63 Cody Avenue
Queens, New York
Langan Project No.: 101015501

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB09	SB09	SB10	SB10	SB11	SB11	SB12	SB12	SB13	SB13	SB13
						Sample Name	SB09_1-3	SB09_3-5	SB10_0.5-2.5	SB10_65-67	SB11_2-4	SB11_10-12	SB12_9-11	SB12_23-25	SB13_0.5-2.5	SB13_7.5-9.5	SB_DUP
						Sample Date	10/25/2022	10/25/2022	10/25/2022	10/25/2022	10/24/2022	10/25/2022	10/27/2022	10/28/2022	10/27/2022	10/27/2022	10/27/2022
						Sample Depth	1-3	3-5	0.5-2.5	65-67	2-4	10-12	9-11	23-25	0.5-2.5	7.5-9.5	7.5-9.5
						Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																	
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	NS	mg/kg	<0.00057 U	<0.0005 U	<0.00056 U	<0.71 U	<0.037 U	<0.00049 U	<0.00057 U	<0.044 U	<0.00046 U	<0.00052 U	<0.00045 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	500	mg/kg	<0.00057 U	<0.0005 U	<0.00056 U	<0.71 U	<0.037 U	<0.00049 U	<0.00057 U	<0.044 U	<0.00046 U	<0.00052 U	<0.00045 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	NS	mg/kg	<0.00057 U	<0.0005 U	<0.00056 U	<0.71 U	<0.037 U	<0.00049 U	<0.00057 U	<0.044 U	<0.00046 U	<0.00052 U	<0.00045 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	NS	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	<1.4 U	<0.074 U	<0.00098 U	<0.0011 U	<0.088 U	<0.00092 U	<0.001 U	<0.0009 U
1,1-Dichloroethane	75-34-3	0.27	0.27	26	240	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	<1.4 U	<0.074 U	<0.00098 U	<0.0011 U	<0.088 U	<0.00092 U	<0.001 U	<0.0009 U
1,1-Dichloroethene	75-35-4	0.33	0.33	100	500	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	<1.4 U	<0.074 U	<0.00098 U	<0.0011 U	<0.088 U	<0.00092 U	<0.001 U	<0.0009 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	NS	mg/kg	<0.00057 U	<0.0005 U	<0.00056 U	<0.71 U	<0.037 U	<0.00049 U	<0.00057 U	<0.044 U	<0.00046 U	<0.00052 U	<0.00045 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	130	<0.15 U	<0.002 U	<0.0023 U	0.7	<0.0018 U	<0.0021 U	<0.0018 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
1,2,4-Trimethylbenzene	95-63-6	**3.6**	3.6	52	190	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	**890**	<0.15 U	0.00073 J	<0.0023 U	2.5	<0.0018 U	<0.0021 U	<0.0018 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	NS	mg/kg	<0.0034 U	<0.003 U	<0.0034 U	<4.2 U	<0.22 U	<0.003 U	<0.0034 U	<0.26 U	<0.0028 U	<0.0031 U	<0.0027 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	NS	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	<1.4 U	<0.074 U	<0.00098 U	<0.0011 U	<0.088 U	<0.00092 U	<0.001 U	<0.0009 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	500	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
1,2-Dichloroethane	107-06-2	0.02	0.02	3.1	30	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	<1.4 U	<0.074 U	<0.00098 U	<0.0011 U	<0.088 U	<0.00092 U	<0.001 U	<0.0009 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	NS	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	<1.4 U	<0.074 U	<0.00098 U	<0.0011 U	<0.088 U	<0.00092 U	<0.001 U	<0.0009 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**8.4**	8.4	52	190	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	**240**	<0.15 U	0.00025 J	<0.0023 U	1.1	<0.0018 U	<0.0021 U	<0.0018 U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	280	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	130	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	130	mg/kg	<0.091 U	<0.079 U	<0.09 U	<110 U	<5.9 U	<0.079 U	<0.091 U	<7.1 U	<0.073 U	<0.083 U	<0.072 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
2-Chlorotoluene	95-49-8	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	NS	mg/kg	<0.011 U	<0.0099 U	<0.011 U	<14 U	<0.74 U	<0.0098 U	<0.011 U	<0.88 U	<0.0092 U	<0.01 U	<0.009 U
4-Chlorotoluene	106-43-4	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
4-Ethyltoluene	622-96-8	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	180	<0.15 U	<0.002 U	<0.0023 U	1.1	<0.0018 U	<0.0021 U	<0.0018 U
Acetone	67-64-1	**0.05**	0.05	100	500	mg/kg	<0.011 U	0.0077 J	<0.011 U	<14 U	<0.74 U	0.027	**0.062**	<0.88 U	0.015	0.0057 J	0.012
Acrolein	107-02-8	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	NS	NS	NS	NS	mg/kg	<0.0046 U	<0.004 U	<0.0045 U	<5.6 U	<0.3 U	<0.0039 U	<0.0045 U	<0.35 U	<0.0037 U	<0.0042 U	<0.0036 U
Benzene	71-43-2	0.06	0.06	4.8	44	mg/kg	<0.00057 U	<0.0005 U	<0.00056 U	<0.71 U	<0.037 U	<0.00049 U	<0.00057 U	<0.044 U	<0.00046 U	<0.00052 U	<0.00045 U
Bromobenzene	108-86-1	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
Bromochloromethane	74-97-5	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
Bromodichloromethane	75-27-4	NS	NS	NS	NS	mg/kg	<0.00057 U	<0.0005 U	<0.00056 U	<0.71 U	<0.037 U	<0.00049 U	<0.00057 U	<0.044 U	<0.00046 U	<0.00052 U	<0.00045 U
Bromoform	75-25-2	NS	NS	NS	NS	mg/kg	<0.0046 U	<0.004 U	<0.0045 U	<5.6 U	<0.3 U	<0.0039 U	<0.0045 U	<0.35 U	<0.0037 U	<0.0042 U	<0.0036 U
Bromomethane	74-83-9	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
Carbon Disulfide	75-15-0	NS	NS	NS	NS	mg/kg	<0.011 U	<0.0099 U	<0.011 U	<14 U	<0.74 U	<0.0098 U	<0.011 U	<0.88 U	<0.0092 U	<0.01 U	<0.009 U
Carbon Tetrachloride	56-23-5	0.76	0.76	2.4	22	mg/kg	<0.0011 U	<0.00099 U	0.00029 J	<1.4 U	<0.074 U	<0.00098 U	<0.0011 U	<0.088 U	<0.00092 U	<0.001 U	<0.0009 U
Chlorobenzene	108-90-7	1.1	1.1	100	500	mg/kg	<0.00057 U	<0.0005 U	<0.00056 U	<0.71 U	<0.037 U	<0.00049 U	<0.00057 U	<0.044 U	<0.00046 U	<0.00052 U	<0.00045 U
Chloroethane	75-00-3	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
Chloroform	67-66-3	0.37	0.37	49	350	mg/kg	0.00026 J	<0.0015 U	0.00052 J	<2.1 U	<0.11 U	0.00035 J	<0.0017 U	<0.13 U	<0.0014 U	<0.0016 U	<0.0013 U
Chloromethane	74-87-3	NS	NS	NS	NS	mg/kg	<0.0046 U	<0.004 U	<0.0045 U	<5.6 U	<0.3 U	<0.0039 U	<0.0045 U	<0.35 U	<0.0037 U	<0.0042 U	<0.0036 U
Cis-1,2-Dichloroethene	156-59-2	**0.25**	0.25	100	500	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	<1.4 U	<0.074 U	<0.00098 U	<0.0011 U	<0.088 U	<0.00092 U	<0.001 U	<0.0009 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	NS	mg/kg	<0.00057 U	<0.0005 U	<0.00056 U	<0.71 U	<0.037 U	<0.00049 U	<0.00057 U	<0.044 U	<0.00046 U	<0.00052 U	<0.00045 U
Cyclohexane	110-82-7	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	99-87-6	NS	NS	NS	NS	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	14	<0.074 U	<0.00098 U	<0.0011 U	0.36	<0.00092 U	<0.001 U	<0.0009 U
Dibromochloromethane	124-48-1	NS	NS	NS	NS	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	<1.4 U	<0.074 U	<0.00098 U	<0.0011 U	<0.088 U	<0.00092 U	<0.001 U	<0.0009 U
Dibromomethane	74-95-3	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	NS	mg/kg	<0.011 U	<0.0099 U	<0.011 U	<14 U	<0.74 U	<0.0098 U	<0.011 U	<0.88 U	<0.0092 U	<0.01 U	<0.009 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
Ethylbenzene	100-41-4	**1**	1	41	390	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	**13**	<0.074 U	<0.00098 U	<0.0011 U	0.12	<0.00092 U	<0.001 U	<0.0009 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	NS	mg/kg	<0.0046 U	<0.004 U	<0.0045 U	<5.6 U	<0.3 U	<0.0039 U	<0.0045 U	<0.35 U	<0.0037 U	<0.0042 U	<0.0036 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	NS	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	60	<0.074 U	<0.00098 U	<0.0011 U	0.16	<0.00092 U	<0.001 U	<0.0009 U
M,P-Xylene	179601-23-1	NS	NS	NS	NS	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	8.4	<0.15 U	<0.002 U	<0.0023 U	0.22	<0.0018 U	<0.0021 U	<0.0018 U
Methyl Acetate	79-20-9	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	0.12	100	500	mg/kg	<0.011 U	<0.0099 U	<0.011 U	<14 U	<0.74 U	0.0044 J	0.0032 J	<0.88 U	<0.0092 U	<0.01 U	<0.009 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	NS	mg/kg	<0.011 U	<0.0099 U	<0.011 U	<14 U	<0.74 U	<0.0098 U	<0.011 U	<0.88 U	<0.0092 U	<0.01 U	<0.009 U
Methylcyclohexane	108-87-2	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	0.05	0.05	100	500	mg/kg	<0.0057 U	<0.005 U	<0.0056 U	<7.1 U	<0.37 U	<0.0049 U	<0.0057 U	<0.44 U	<0.0046 U	<0.0052 U	<0.0045 U
Naphthalene	91-20-3	12	12	100	500	mg/kg	<0.0046 U	<0.004 U	<0.0045 U	11	0.088 J	<0.0039 U	<0.0045 U	0.26 J	<0.0037 U	<0.0042 U	<0.0036 U
n-Butylbenzene	104-51-8	**12**	12	100	500	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	**65**	<0.074 U	<0.00098 U	<0.0011 U	0.54	<0.00092 U	<0.001 U	<0.0009 U
n-Propylbenzene	103-65-1	**3.9**	3.9	100	500	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	**140**	<0.074 U	0.00018 J	<0.0011 U	0.36	<0.00092 U	<0.001 U	<0.0009 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	NS	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	3	<0.074 U	<0.00098 U	<0.0011 U	0.22	<0.00092 U	<0.001 U	<0.0009 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	**11**	11	100	500	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	**27**	<0.074 U	<0.00098 U	<0.0011 U	0.45	<0.00092 U	<0.001 U	<0.0009 U
Styrene	100-42-5	NS	NS	NS	NS	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	<1.4 U	<0.074 U	<0.00098 U	<0.0011 U	<0.088 U	<0.00092 U	<0.001 U	<0.0009 U
T-Butylbenzene	98-06-6	5.9	5.9	100	500	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	2.8	<0.15 U	<0.002 U	<0.0023 U	0.078 J	<0.0018 U	<0.0021 U	<0.0018 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	1634-04-4	0.93	0.93	100	500	mg/kg	<0.0023 U	<0.002 U	<0.0022 U	<2.8 U	<0.15 U	<0.002 U	<0.0023 U	<0.18 U	<0.0018 U	<0.0021 U	<0.0018 U
Tetrachloroethene (PCE)	127-18-4	**1.3**	1.3	19	150	mg/kg	0.0039	0.0061	0.0077	<0.71 U	**2.2**	0.0068	0.01	**7.8**	0.01	0.0058	0.0055
Toluene	108-88-3	0.7	0.7	100	500	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	<1.4 U	<0.074 U	0.0098	0.0071	<0.088 U	<0.00092 U	<0.001 U	<0.0009 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	NS	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	<1.4 U	<0.074 U	<0.00098 U	<0.0011 U	<0.088 U	<0.00092 U	<0.001 U	<0.0009 U
Total Xylenes	1330-20-7	**0.26**	1.6	100	500	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	**11**	<0.074 U	<0.00098 U	<0.0011 U	**0.44**	<0.00092 U	<0.001 U	<0.0009 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	NS	mg/kg	<0.00057 U	<0.0005 U	<0.00056 U	<0.71 U	<0.037 U	<0.00049 U	<0.00057 U	<0.044 U	<0.00046 U	<0.00052 U	<0.00045 U
Trans-1,2-Dichloroethene	156-60-5	**0.19**	0.19	100	500	mg/kg	<0.0017 U	<0.0015 U	<0.0017 U	<2.1 U	<0.11 U	<0.0015 U	<0.0017 U	<0.13 U	<0.0014 U	<0.0016 U	<0.0013 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	NS	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	<1.4 U	<0.074 U	<0.00098 U	<0.0011 U	<0.088 U	<0.00092 U	<0.001 U	<0.0009 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	NS	mg/kg	<0.0057 U	<0.005 U	<0.0056 U	<7.1 U	<0.37 U	<0.0049 U	<0.0057 U	<0.44 U	<0.0046 U	<0.0052 U	<0.0045 U
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	21	200	mg/kg	0.0059	0.0052	0.0024	<0.71 U	**4.7**	0.0053	0.0055	<0.044 U	0.0003 J	0.00021 J	<0.00045 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	NS	mg/kg	<0.0046 U	<0.004 U	<0.0045 U	<5.6 U	<0.3 U	<0.0039 U	<0.0045 U	<0.35 U	<0.0037 U	<0.0042 U	<0.0036 U
Vinyl Acetate	108-05-4	NS	NS	NS	NS	mg/kg	<0.011 U	<0.0099 U	<0.011 U	<14 U	<0.74 U	<0.0098 U	<0.011 U	<0.88 U	<0.0092 U	<0.01 U	<0.009 U
Vinyl Chloride	75-01-4	0.02	0.02	0.9	13	mg/kg	<0.0011 U	<0.00099 U	<0.0011 U	<1.4 U	<0.074 U	<0.00098 U	<0.0011 U	<0.088 U	<0.00092 U	<0.001 U	<0.0009 U

Table 2
Limited Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

16-63 Cody Avenue
Queens, New York
Langan Project No.: 101015501

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB09	SB09	SB10	SB10	SB11	SB11	SB12	SB12	SB13	SB13	SB13
						Sample Name	SB09_1-3	SB09_3-5	SB10_0.5-2.5	SB10_65-67	SB11_2-4	SB11_10-12	SB12_9-11	SB12_23-25	SB13_0.5-2.5	SB13_7.5-9.5	SB_DUP
						Sample Date	10/25/2022	10/25/2022	10/25/2022	10/25/2022	10/24/2022	10/25/2022	10/27/2022	10/28/2022	10/27/2022	10/27/2022	10/27/2022
						Sample Depth	1-3	3-5	0.5-2.5	65-67	2-4	10-12	9-11	23-25	0.5-2.5	7.5-9.5	7.5-9.5
						Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																	
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	0.084 J	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	0.9	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	500	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	0.98	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	280	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	1.2	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	130	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	0.82	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	130	mg/kg	<0.03 U	<0.028 U	<0.029 U	<0.027 U	<0.025 U	<0.029 U	<0.028 U	<0.028 U	<0.027 U	<0.027 U	<0.027 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	NS	mg/kg	<0.12 U	<0.11 U	<0.12 U	<0.11 U	<0.1 U	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.18 U	<0.16 U	<0.15 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.16 U	<0.16 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	NS	mg/kg	<0.96 U	<0.89 U	<0.94 U	<0.86 U	<0.81 U	<0.92 U	<0.9 U	<0.91 U	<0.88 U	<0.87 U	<0.85 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	0.39	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
2-Chlorophenol	95-57-8	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	NS	mg/kg	0.086 J	<0.22 U	<0.23 U	0.94	0.33	<0.23 U	<0.22 U	0.16 J	<0.22 U	<0.22 U	<0.21 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	500	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	0.038 J	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
2-Nitroaniline	88-74-4	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
2-Nitrophenol	88-75-5	NS	NS	NS	NS	mg/kg	<0.43 U	<0.4 U	<0.42 U	<0.39 U	<0.37 U	<0.41 U	<0.4 U	<0.41 U	<0.4 U	<0.39 U	<0.38 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	0.33	100	500	mg/kg	<0.29 U	<0.27 U	<0.28 U	<0.26 U	0.077 J	<0.28 U	<0.27 U	<0.27 U	<0.26 U	<0.26 U	<0.26 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
3-Nitroaniline	99-09-2	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	NS	mg/kg	<0.52 U	<0.48 U	<0.51 U	<0.47 U	<0.44 U	<0.5 U	<0.49 U	<0.49 U	<0.48 U	<0.47 U	<0.46 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
4-Chloroaniline	106-47-8	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
4-Nitroaniline	100-01-6	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
4-Nitrophenol	100-02-7	NS	NS	NS	NS	mg/kg	<0.28 U	<0.26 U	<0.27 U	<0.25 U	<0.24 U	<0.27 U	<0.26 U	<0.26 U	<0.26 U	<0.25 U	<0.25 U
Acenaphthene	83-32-9	20	98	100	500	mg/kg	0.3	<0.15 U	0.036 J	<0.14 U	0.54	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.14 U	<0.14 U
Acenaphthylene	208-96-8	100	107	100	500	mg/kg	0.13 J	<0.15 U	<0.16 U	<0.14 U	0.41	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.14 U	<0.14 U
Acetophenone	98-86-2	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	0.084 J	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	100	1000	100	500	mg/kg	0.68	<0.11 U	0.1 J	<0.11 U	1.3	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U
Atrazine	1912-24-9	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**1**	1	1	5.6	mg/kg	**1.8**	<0.11 U	0.38	<0.11 U	**3.5**	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U
Benzo(a)pyrene	50-32-8	**1**	22	1	1	mg/kg	**2.4**	<0.15 U	0.44	<0.14 U	**2.6**	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.14 U	<0.14 U
Benzo(b)fluoranthene	205-99-2	**1**	1.7	1	5.6	mg/kg	**2.6**	<0.11 U	0.5	<0.11 U	**4.7**	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U
Benzo(g,h,i)Perylene	191-24-2	100	1000	100	500	mg/kg	1.2	<0.15 U	0.25	<0.14 U	1.6	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.14 U	<0.14 U
Benzo(k)fluoranthene	207-08-9	**0.8**	1.7	3.9	56	mg/kg	**0.96**	<0.11 U	0.16	<0.11 U	**1.4**	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U
Benzoic Acid	65-85-0	NS	NS	NS	NS	mg/kg	<0.65 U	<0.6 U	<0.63 U	<0.58 U	<0.55 U	<0.62 U	<0.61 U	<0.61 U	<0.59 U	<0.59 U	<0.58 U
Benzyl Alcohol	100-51-6	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	NS	mg/kg	0.026 J	<0.42 U	<0.44 U	0.046 J	0.17 J	<0.44 U	<0.43 U	<0.43 U	<0.42 U	<0.41 U	<0.41 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	NS	mg/kg	<0.22 U	<0.2 U	<0.21 U	<0.19 U	<0.18 U	<0.21 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.19 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.18 U	<0.16 U	<0.15 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.16 U	<0.16 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	NS	mg/kg	<0.24 U	<0.22 U	<0.23 U	<0.22 U	<0.2 U	<0.23 U	<0.22 U	<0.23 U	<0.22 U	<0.22 U	<0.21 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
Caprolactam	105-60-2	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	NS	NS	NS	mg/kg	0.32	<0.19 U	0.029 J	<0.18 U	0.38	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
Chrysene	218-01-9	**1**	1	3.9	56	mg/kg	**1.8**	<0.11 U	0.39	<0.11 U	**4.4**	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	0.56	mg/kg	0.29	<0.11 U	0.058 J	<0.11 U	**0.46**	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U
Dibenzofuran	132-64-9	7	210	59	350	mg/kg	0.14 J	<0.19 U	<0.2 U	<0.18 U	0.4	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
Dibutyl phthalate	84-74-2	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
Diethyl phthalate	84-66-2	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
Dimethyl phthalate	131-11-3	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
Dioctyl phthalate	117-84-0	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
Fluoranthene	206-44-0	100	1000	100	500	mg/kg	3.5	0.026 J	0.84	<0.11 U	12	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U
Fluorene	86-73-7	30	386	100	500	mg/kg	0.28	<0.19 U	0.027 J	0.029 J	0.58	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
Hexachlorobenzene	118-74-1	0.33	3.2	1.2	6	mg/kg	<0.12 U	<0.11 U	<0.12 U	<0.11 U	<0.1 U	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	NS	mg/kg	<0.57 U	<0.53 U	<0.56 U	<0.52 U	<0.48 U	<0.55 U	<0.54 U	<0.54 U	<0.52 U	<0.52 U	<0.51 U
Hexachloroethane	67-72-1	NS	NS	NS	NS	mg/kg	<0.16 U	<0.15 U	<0.16 U	<0.14 U	<0.14 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.14 U	<0.14 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	8.2	0.5	5.6	mg/kg	**1.4**	<0.15 U	0.28	<0.14 U	**1.8**	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.14 U	<0.14 U
Isophorone	78-59-1	NS	NS	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.18 U	<0.16 U	0.026 J	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.16 U	<0.16 U
Naphthalene	91-20-3	12	12	100	500	mg/kg	0.29	<0.19 U	<0.2 U	0.34	1.1	<0.19 U	<0.19 U	0.042 J	<0.18 U	<0.18 U	<0.18 U
Nitrobenzene	98-95-3	NS	NS	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.18 U	<0.16 U	<0.15 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.16 U	<0.16 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	NS	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.17 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	NS	mg/kg	<0.16 U	<0.15 U	<0.16 U	<0.14 U	<0.14 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.14 U	<0.14 U
Pentachlorophenol	87-86-5	0.8	0.8	6.7	6.7	mg/kg	<0.16 U	<0.15 U	<0.16 U	<0.14 U	<0.14 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.14 U	<0.14 U
Phenanthrene	85-01-8	100	1000	100	500	mg/kg	2	<0.11 U	0.5	0.057 J	8.8	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U
Phenol	108-95-2	0.33	0.33	100	500	mg/kg	<0.2 U	<0.19 U	<0.2 U	<0.18 U	0.094 J	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U
Pyrene	129-00-0	100	1000	100	500	mg/kg	3.2	0.023 J	0.8	0.023 J	8.8	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U
Pyridine	110-86-1	NS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Limited Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

16-63 Cody Avenue
Queens, New York
Langan Project No.: 101015501

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB09	SB09	SB10	SB10	SB11	SB11	SB12	SB12	SB13	SB13	SB13
						Sample Name	SB09_1-3	SB09_3-5	SB10_0.5-2.5	SB10_65-67	SB11_2-4	SB11_10-12	SB12_9-11	SB12_23-25	SB13_0.5-2.5	SB13_7.5-9.5	SB_DUP
						Sample Date	10/25/2022	10/25/2022	10/25/2022	10/25/2022	10/24/2022	10/25/2022	10/27/2022	10/28/2022	10/27/2022	10/27/2022	10/27/2022
						Sample Depth	1-3	3-5	0.5-2.5	65-67	2-4	10-12	9-11	23-25	0.5-2.5	7.5-9.5	7.5-9.5
						Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals																	
Aluminum	7429-90-5	NS	NS	NS	NS	mg/kg	5,860	8,500	5,960	2,400	2,630	4,360	8,170	6,100	5,180	3,430	4,710
Antimony	7440-36-0	NS	NS	NS	NS	mg/kg	1.21 J	0.968 J	<4.56 U	<4.1 U	8.34	<4.51 U	<4.48 U	<4.47 U	<4.34 U	<4.37 U	<4.27 U
Arsenic	7440-38-2	**13**	16	16	16	mg/kg	5.13	2.82	4.22	0.552 J	4.92	1.7	2.78	1.56	3.55	2	1.62
Barium	7440-39-3	**350**	820	400	400	mg/kg	90.5	41.3	54.6	18.2	**426**	33.3	16.8	38.8	40.1	20.7	21.2
Beryllium	7440-41-7	7.2	47	72	590	mg/kg	0.362 J	0.296 J	0.351 J	0.157 J	0.186 J	0.27 J	0.269 J	0.365 J	0.252 J	0.166 J	0.171 J
Cadmium	7440-43-9	**2.5**	7.5	4.3	9.3	mg/kg	0.098 J	0.126 J	<0.912 U	<0.82 U	0.816	0.173 J	0.179 J	0.17 J	0.269 J	0.122 J	0.162 J
Calcium	7440-70-2	NS	NS	NS	NS	mg/kg	1,530	773	1,180	551	15,500	626	1,280	554	1,390	920	900
Chromium, Total	7440-47-3	**1**	19	110	400	mg/kg	**14.6**	**15.3**	**15.9**	**7.9**	**13**	**8.32**	**23.9**	**20.9**	**10.7**	**7.84**	**12.8**
Cobalt	7440-48-4	NS	NS	NS	NS	mg/kg	5.4	22.1	5.89	2.72	2.69	3.81	4.42	5.74	3.38	3.09	5.06
Copper	7440-50-8	**50**	1720	270	270	mg/kg	**94.8**	11.6	43.8	7.88	**85.3**	16.2	8.8	12.9	14.1	6.64	9.25
Iron	7439-89-6	NS	NS	NS	NS	mg/kg	13,500	12,700	17,300	8,980	10,300	9,350	13,600	14,400	9,510	8,080	10,900
Lead	7439-92-1	**63**	450	400	1000	mg/kg	**476**	18.2	**104**	2.78 J	**352**	4.48 J	7.18	3.94 J	**85.6**	4.93	5.17
Magnesium	7439-95-4	NS	NS	NS	NS	mg/kg	1,480	1,390	1,510	1,360	1,490	1,290	1,770	1,780	1,200	1,060	1,540
Manganese	7439-96-5	1600	2000	2000	10000	mg/kg	91.4	213	366	95.5	124	413	162	298	233	157	182
Mercury	7439-97-6	**0.18**	0.73	0.81	2.8	mg/kg	**0.888**	0.08	**0.503**	<0.071 U	**0.31**	<0.076 U	<0.076 U	<0.073 U	0.092	<0.075 U	<0.074 U
Nickel	7440-02-0	**30**	130	310	310	mg/kg	19.4	19.1	10.9	5.62	7.38	9.1	12	11.2	6.52	5.72	7.98
Potassium	7440-09-7	NS	NS	NS	NS	mg/kg	534	355	582	347	632	387	459	968	372	238	477
Selenium	7782-49-2	3.9	4	180	1500	mg/kg	<1.91 U	<1.75 U	<1.82 U	<1.64 U	<1.59 U	<1.8 U	<1.79 U	0.481 J	<1.74 U	<1.75 U	<1.71 U
Silver	7440-22-4	2	8.3	180	1500	mg/kg	<0.478 U	<0.437 U	<0.456 U	<0.41 U	0.399	<0.451 U	<0.448 U	<0.447 U	<0.434 U	<0.437 U	<0.427 U
Sodium	7440-23-5	NS	NS	NS	NS	mg/kg	119 J	34.7 J	82.6 J	62.8 J	365	57.3 J	83.8 J	91.2 J	81.1 J	61.3 J	89.6 J
Thallium	7440-28-0	NS	NS	NS	NS	mg/kg	<1.91 U	<1.75 U	<1.82 U	<1.64 U	<1.59 U	<1.8 U	<1.79 U	<1.79 U	<1.74 U	<1.75 U	<1.71 U
Vanadium	7440-62-2	NS	NS	NS	NS	mg/kg	18.4	21.1	20.7	11	9.63	14.5	21.2	23.2	14.8	13	18.1
Zinc	7440-66-6	**109**	2480	10000	10000	mg/kg	**336**	**366**	87.4	12.2	**390**	76.7	25	25.7	42.2	13.1	22.3
General Chemistry																	
Total Solids	TSOLID	NS	NS	NS	NS	Percent	82.1	88.7	83.6	91.5	96.7	86.1	88.4	87.1	89.7	89.4	91.6

Table 2
Limited Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

16-63 Cody Avenue
Queens, New York
Langan Project No.: 101015501

Notes:

CAS - Chemical Abstract Service
NS - No standard
mg/kg - milligram per kilogram
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use, Protection of Groundwater, Restricted Use Restricted-Residential and Restricted Use Commercial Soil Cleanup Objectives (SCO).

Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

The criteria comparison for total chromium is provided for reference. The promulgated SCO shown is for hexavalent chromium.

Qualifiers:

D - The concentration reported is a result of a diluted sample.
J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs
10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Restricted-Residential SCOs
10 - Result exceeds Restricted Use Commercial SCOs

Table 3
Limited Phase II Environmental Site Investigation Report
Groundwater Sample Analytical Results

16-63 Cody Avenue
Queens, New York
Langan Project No.: 101015501

Analyte	CAS Number	NYSDEC SGVs	Location	TMW04	TMW06	TWP07	TWP10	TWP10	TWP11
			Sample Name	TMW04_082922	TMW06_082922	TWP07_20221028	TWP10_20221028	TWP_DUP_102822	TWP11_20221027
			Sample Date	08/29/2022	08/29/2022	10/28/2022	10/28/2022	10/28/2022	10/27/2022
			Unit	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds									
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.2 U	<0.2 U	<0.5 U	<0.5 U	<0.5 U	<1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	<0.2 U	<0.2 U	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<0.2 U	<0.2 U	<1.5 U	<1.5 U	<1.5 U	<3 U
1,1-Dichloroethane	75-34-3	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.2 U	<0.2 U	<0.5 U	<0.5 U	<0.5 U	<1 U
1,1-Dichloropropene	563-58-6	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	NA	NA	<2 U	1.1 J	1.1 J	<4 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<0.2 U	<0.2 U	<2.5 U	0.92 J	1.2 J	<5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<0.2 U	<0.2 U	<2 U	<2 U	<2 U	<4 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.2 U	<0.2 U	<0.5 U	<0.5 U	<0.5 U	<1 U
1,2-Dichloropropane	78-87-5	1	ug/l	<0.2 U	<0.2 U	<1 U	<1 U	<1 U	<2 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	NA	NA	<2 U	<2 U	<2 U	<4 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/l	<40 U	<40 U	<250 U	<250 U	<250 U	<500 U
2,2-Dichloropropane	594-20-7	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
2-Chlorotoluene	95-49-8	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<0.2 U	<0.2 U	<5 U	<5 U	<5 U	<10 U
4-Chlorotoluene	106-43-4	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
4-Ethyltoluene	622-96-8	NS	ug/l	NA	NA	<2 U	<2 U	<2 U	<4 U
Acetone	67-64-1	**50**	ug/l	7.51	9.74	10	12	7.6	**73**
Acrolein	107-02-8	5	ug/l	<0.2 U	<0.2 U	NA	NA	NA	NA
Acrylonitrile	107-13-1	5	ug/l	<0.2 U	<0.2 U	<5 U	<5 U	<5 U	<10 U
Benzene	71-43-2	1	ug/l	<0.2 U	<0.2 U	0.2 J	0.23 J	0.18 J	<1 U
Bromobenzene	108-86-1	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
Bromochloromethane	74-97-5	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.2 U	<0.2 U	<0.5 U	<0.5 U	0.32 J	0.85 J
Bromoform	75-25-2	50	ug/l	<0.2 U	<0.2 U	<2 U	<2 U	<2 U	<4 U
Bromomethane	74-83-9	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
Carbon Disulfide	75-15-0	60	ug/l	<0.2 U	0.24 J	<5 U	<5 U	<5 U	<10 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.2 U	<0.2 U	<0.5 U	<0.5 U	<0.5 U	<1 U
Chlorobenzene	108-90-7	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
Chloroethane	75-00-3	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
Chloroform	67-66-3	**7**	ug/l	0.32 J	<0.2 U	**22**	**33**	**38**	**14**
Chloromethane	74-87-3	5	ug/l	<0.2 U	0.37 J	<2.5 U	<2.5 U	<2.5 U	<5 U
Cis-1,2-Dichloroethene	156-59-2	**5**	ug/l	**26**	0.92	0.98 J	<2.5 U	<2.5 U	3.4 J
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.2 U	<0.2 U	<0.5 U	<0.5 U	<0.5 U	<1 U
Cyclohexane	110-82-7	NS	ug/l	<0.2 U	<0.2 U	NA	NA	NA	NA
Cymene	99-87-6	5	ug/l	NA	NA	<2.5 U	<2.5 U	<2.5 U	<5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.2 U	<0.2 U	<0.5 U	<0.5 U	<0.5 U	<1 U
Dibromomethane	74-95-3	5	ug/l	<0.2 U	<0.2 U	<5 U	<5 U	<5 U	<10 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<0.2 U	<0.2 U	<5 U	<5 U	<5 U	<10 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	NA	NA	<2.5 U	<2.5 U	<2.5 U	<5 U
Ethylbenzene	100-41-4	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
M,P-Xylene	179601-23-1	5	ug/l	<0.5 U	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U
Methyl Acetate	79-20-9	NS	ug/l	<0.2 U	<0.2 U	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<0.2 U	1.99	<5 U	<5 U	<5 U	<10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone	108-10-1	NS	ug/l	<0.2 U	<0.2 U	<5 U	<5 U	<5 U	<10 U
Methylcyclohexane	108-87-2	NS	ug/l	<0.2 U	<0.2 U	NA	NA	NA	NA
Methylene Chloride	75-09-2	5	ug/l	<1 U	<1 U	1.2 J	<2.5 U	<2.5 U	<5 U
Naphthalene	91-20-3	**10**	ug/l	NA	NA	<2.5 U	<2.5 U	<2.5 U	**14**
n-Butylbenzene	104-51-8	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
n-Propylbenzene	103-65-1	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	<0.2 U	<0.2 U	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
Styrene	100-42-5	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
T-Butylbenzene	98-06-6	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	<0.5 U	2.02	NA	NA	NA	NA
Tert-Butyl Methyl Ether	1634-04-4	10	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
Tetrachloroethene (PCE)	127-18-4	**5**	ug/l	**53.2**	**17.3**	3.8	**7.5**	4.9	**260**
Toluene	108-88-3	5	ug/l	<0.2 U	0.36 J	<2.5 U	<2.5 U	<2.5 U	1.4 J
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	NA	NA	0.98 J	<2.5 U	<2.5 U	3.4 J
Total Xylenes	1330-20-7	5	ug/l	<0.6 U	<0.6 U	<2.5 U	<2.5 U	<2.5 U	<5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	NA	NA	<0.5 U	<0.5 U	<0.5 U	<1 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	1.09	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.2 U	<0.2 U	<0.5 U	<0.5 U	<0.5 U	<1 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	NA	NA	<2.5 U	<2.5 U	<2.5 U	<5 U
Trichloroethene (TCE)	79-01-6	**5**	ug/l	**84**	**39.3**	2.5	0.47 J	0.29 J	**9.6**
Trichlorofluoromethane	75-69-4	5	ug/l	<0.2 U	<0.2 U	<2.5 U	<2.5 U	<2.5 U	<5 U
Vinyl Acetate	108-05-4	NS	ug/l	<0.2 U	<0.2 U	<5 U	<5 U	<5 U	<10 U
Vinyl Chloride	75-01-4	2	ug/l	<0.2 U	<0.2 U	<1 U	<1 U	<1 U	<2 U

Table 3
Limited Phase II Environmental Site Investigation Report
Groundwater Sample Analytical Results

16-63 Cody Avenue
Queens, New York
Langan Project No.: 101015501

Analyte	CAS Number	NYSDEC SGVs	Location	TMW04	TMW06	TWP07	TWP10	TWP10	TWP11
			Sample Name	TMW04_082922	TMW06_082922	TWP07_20221028	TWP10_20221028	TWP_DUP_102822	TWP11_20221027
			Sample Date	08/29/2022	08/29/2022	10/28/2022	10/28/2022	10/28/2022	10/27/2022
			Unit	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds									
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<2.56 U	<2.86 U	<10 U	<13 U	<13 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.56 U	<2.86 U	<2 U	<2.6 U	<2.6 U	<2 U
1,2-Diphenylhydrazine	122-66-7	0	ug/l	<2.56 U	<2.86 U	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.56 U	<2.86 U	<2 U	<2.6 U	<2.6 U	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.56 U	<2.86 U	<2 U	<2.6 U	<2.6 U	<2 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	<2.56 U	<2.86 U	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<2.56 U	<2.86 U	<20 U	<26 U	<26 U	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<2.56 U	<2.86 U	<0.2 U	<0.26 U	<0.26 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2.56 U	<2.86 U	<2 U	<2.6 U	<2.6 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<2.56 U	<2.86 U	0.04 J	0.08 J	0.06 J	4.4
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<2.56 U	<2.86 U	<10 U	<13 U	<13 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<2.56 U	<2.86 U	<10 U	<13 U	<13 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2.56 U	<2.86 U	<2 U	<2.6 U	<2.6 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2.56 U	<2.86 U	<2 U	<2.6 U	<2.6 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2.56 U	<2.86 U	<2 U	<2.6 U	<2.6 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<5.13 U	<5.71 U	<10 U	<13 U	<13 U	<10 U
Acenaphthene	83-32-9	20	ug/l	0.236	<0.0571 U	<0.1 U	<0.13 U	0.02 J	1.8
Acenaphthylene	208-96-8	NS	ug/l	<0.0513 U	<0.0571 U	<0.1 U	<0.13 U	<0.13 U	<0.1 U
Acetophenone	98-86-2	NS	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	<2.56 U	<2.86 U	NA	NA	NA	NA
Anthracene	120-12-7	50	ug/l	0.215	<0.0571 U	<0.1 U	0.02 J	0.02 J	0.25
Atrazine	1912-24-9	7.5	ug/l	<0.513 U	<0.571 U	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	<2.56 U	<2.86 U	NA	NA	NA	NA
Benzidine	92-87-5	5	ug/l	<5.13 U	<5.71 U	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.205**	<0.0571 U	**0.04 J**	**0.06 J**	**0.06 J**	**0.12**
Benzo(a)pyrene	50-32-8	**0**	ug/l	**0.185**	<0.0571 U	<0.1 U	<0.13 U	<0.13 U	**0.09 J**
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.164**	<0.0571 U	<0.1 U	**0.02 J**	<0.13 U	**0.07 J**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	0.144	<0.0571 U	<0.1 U	<0.13 U	<0.13 U	0.08 J
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	**0.164**	<0.0571 U	<0.1 U	<0.13 U	<0.13 U	**0.02 J**
Benzoic Acid	65-85-0	NS	ug/l	<2.56 U	<2.86 U	9.1 J	10 J	11 J	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	<2.56 U	<2.86 U	<2 U	<2.6 U	<2.6 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<2.56 U	<2.86 U	<2 U	<2.6 U	<2.6 U	2.2
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<1.03 U	<1.14 U	<2 U	<2.6 U	<2.6 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2.56 U	<2.86 U	<2 U	<2.6 U	<2.6 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<0.513 U	0.754	<3 U	<3.9 U	2.2 J	2.1 J
Caprolactam	105-60-2	NS	ug/l	<2.56 U	<2.86 U	NA	NA	NA	NA
Carbazole	86-74-8	NS	ug/l	<2.56 U	<2.86 U	<2 U	<2.6 U	<2.6 U	<2 U
Chrysene	218-01-9	**0.002**	ug/l	**0.185**	<0.0571 U	<0.1 U	<0.13 U	<0.13 U	**0.07 J**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.0513 U	<0.0571 U	<0.1 U	<0.13 U	<0.13 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2.56 U	<2.86 U	<2 U	<2.6 U	<2.6 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	0.46 J
Diethyl phthalate	84-66-2	50	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
Fluoranthene	206-44-0	50	ug/l	0.779	<0.0571 U	<0.1 U	0.05 J	<0.13 U	0.19
Fluorene	86-73-7	50	ug/l	0.226	<0.0571 U	<0.1 U	<0.13 U	0.02 J	0.71
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.0205 U	<0.0229 U	<0.8 U	<1 U	<1 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.513 U	<0.571 U	<0.5 U	<0.65 U	<0.64 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<5.13 U	<5.71 U	<20 U	<26 U	<26 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.513 U	<0.571 U	<0.8 U	<1 U	<1 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	**0.133**	<0.0571 U	<0.1 U	<0.13 U	<0.13 U	**0.06 J**
Isophorone	78-59-1	50	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
Naphthalene	91-20-3	**10**	ug/l	0.328	<0.0571 U	0.05 J	0.09 J	0.07 J	**32**
Nitrobenzene	98-95-3	0.4	ug/l	<0.256 U	<0.286 U	<2 U	<2.6 U	<2.6 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	<0.513 U	<0.571 U	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2.56 U	<2.86 U	<2 U	<2.6 U	<2.6 U	<2 U
Pentachlorophenol	87-86-5	1	ug/l	<0.256 U	<0.286 U	0.09 J	<1 U	<1 U	<0.8 U
Phenanthrene	85-01-8	50	ug/l	0.964	<0.0571 U	0.05 J	0.09 J	0.05 J	1.3
Phenol	108-95-2	**1**	ug/l	<2.56 U	<2.86 U	<5 U	<6.6 U	<6.4 U	**1.2 J**
Pyrene	129-00-0	50	ug/l	0.482	<0.0571 U	<0.1 U	0.04 J	0.03 J	0.35
Pyridine	110-86-1	50	ug/l	<2.56 U	<2.86 U	NA	NA	NA	NA

Table 3
Limited Phase II Environmental Site Investigation Report
Groundwater Sample Analytical Results

16-63 Cody Avenue
Queens, New York
Langan Project No.: 101015501

Analyte	CAS Number	NYSDEC SGVs	Location	TMW04	TMW06	TWP07	TWP10	TWP10	TWP11
			Sample Name	TMW04_082922	TMW06_082922	TWP07_20221028	TWP10_20221028	TWP_DUP_102822	TWP11_20221027
			Sample Date	08/29/2022	08/29/2022	10/28/2022	10/28/2022	10/28/2022	10/27/2022
			Unit	Result	Result	Result	Result	Result	Result
Metals - Dissolved									
Aluminum	7429-90-5	NS	ug/l	NA	NA	68.2	71.4	79.5	1,230
Antimony	7440-36-0	**3**	ug/l	NA	NA	<4 U	<4 U	<4 U	**4.04**
Arsenic	7440-38-2	25	ug/l	NA	NA	1.01	0.71	0.59	0.89
Barium	7440-39-3	1000	ug/l	NA	NA	71.5	24.68	27.6	28.65
Beryllium	7440-41-7	3	ug/l	NA	NA	<0.5 U	<0.5 U	<0.5 U	0.15 J
Cadmium	7440-43-9	5	ug/l	NA	NA	0.1 J	0.1 J	0.1 J	0.08 J
Calcium	7440-70-2	NS	ug/l	NA	NA	28,600	18,200	23,300	10,100
Chromium, Total	7440-47-3	50	ug/l	NA	NA	0.65 J	0.32 J	0.44 J	4.02
Cobalt	7440-48-4	NS	ug/l	NA	NA	4.78	0.86	0.96	4.52
Copper	7440-50-8	200	ug/l	NA	NA	1.86	0.55 J	1.18	15.06
Iron	7439-89-6	**300**	ug/l	NA	NA	**7,010**	151	155	**1,430**
Lead	7439-92-1	25	ug/l	NA	NA	<1 U	<1 U	<1 U	3.18
Magnesium	7439-95-4	35000	ug/l	NA	NA	5,380	5,130	6,510	2,200
Manganese	7439-96-5	**300**	ug/l	NA	NA	**1,831**	**834**	**912.1**	233
Mercury	7439-97-6	0.7	ug/l	NA	NA	<0.2 U	<0.2 U	<0.2 U	0.29
Nickel	7440-02-0	100	ug/l	NA	NA	13.54	7.36	7.91	10.03
Potassium	7440-09-7	NS	ug/l	NA	NA	6,960	5,640	5,980	3,080
Selenium	7782-49-2	10	ug/l	NA	NA	<5 U	<5 U	<5 U	<5 U
Silver	7440-22-4	50	ug/l	NA	NA	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Sodium	7440-23-5	**20000**	ug/l	NA	NA	13,900	18,300	**20,600**	**38,400**
Thallium	7440-28-0	0.5	ug/l	NA	NA	<1 U	<1 U	<1 U	<1 U
Vanadium	7440-62-2	NS	ug/l	NA	NA	<5 U	<5 U	<5 U	<5 U
Zinc	7440-66-6	2000	ug/l	NA	NA	14.47	<10 U	<10 U	51.07
Metals - Total									
Aluminum	7429-90-5	NS	ug/l	NA	NA	2,130	16,800	11,200	2,620
Antimony	7440-36-0	3	ug/l	NA	NA	0.43 J	<4 U	<4 U	0.75 J
Arsenic	7440-38-2	25	ug/l	NA	NA	1.02	4.65	3.74	1.58
Barium	7440-39-3	1000	ug/l	NA	NA	84.9	317.7	254.4	46.37
Beryllium	7440-41-7	3	ug/l	NA	NA	0.1 J	1.23	0.89	0.82
Cadmium	7440-43-9	5	ug/l	NA	NA	0.13 J	2.07	1.71	0.14 J
Calcium	7440-70-2	NS	ug/l	NA	NA	29,900	29,600	34,600	14,200
Chromium, Total	7440-47-3	**50**	ug/l	NA	NA	12.93	**155.7**	**115.4**	31.04
Cobalt	7440-48-4	NS	ug/l	NA	NA	5.62	25.29	19.77	14.14
Copper	7440-50-8	200	ug/l	NA	NA	10.59	102.8	77.26	124.8
Iron	7439-89-6	**300**	ug/l	NA	NA	**10,600**	**45,200**	**32,700**	**7,170**
Lead	7439-92-1	**25**	ug/l	NA	NA	4.13	**93.75**	**58.25**	4.47
Magnesium	7439-95-4	35000	ug/l	NA	NA	6,250	13,800	14,800	3,430
Manganese	7439-96-5	**300**	ug/l	NA	NA	**1,770**	**3,412**	**3,135**	**706.7**
Mercury	7439-97-6	0.7	ug/l	NA	NA	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	NA	NA	16.91	82.03	67.67	25.18
Potassium	7440-09-7	NS	ug/l	NA	NA	8,100	9,510	8,670	2,240
Selenium	7782-49-2	10	ug/l	NA	NA	<5 U	3.97 J	3.5 J	<5 U
Silver	7440-22-4	50	ug/l	NA	NA	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Sodium	7440-23-5	**20000**	ug/l	NA	NA	15,200	19,100	**23,300**	**22,900**
Thallium	7440-28-0	0.5	ug/l	NA	NA	<1 U	0.16 J	<1 U	<1 U
Vanadium	7440-62-2	NS	ug/l	NA	NA	4.48 J	43.76	30.64	5.96
Zinc	7440-66-6	2000	ug/l	NA	NA	25.1	98.1	70.05	108.4

Table 3
Limited Phase II Environmental Site Investigation Report
Groundwater Sample Analytical Results

16-63 Cody Avenue
Queens, New York
Langan Project No.: 101015501

Notes:

CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs").

The criteria comparison for total metals (Chromium, Total) is provided for reference. The promulgated SGV shown is for hexavalent chromium.

Qualifiers:

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

FIGURES

Notes:
1. Aerial imagery provided through Langan's subscription to Nearmap, dated July 19, 2022.
2. Parcel data provided by NYC MapPLUTO 22v2.

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NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project	Drawing Title	Project No.	Figure
16-63 CODY AVENUE BLOCK 3556, LOT 61 QUEENS NEW YORK	SAMPLE LOCATION MAP	101015501	1
		Date 9/2/2022	
		Scale 1" = 40'	
		Drawn By IHB	
		Last Revised	

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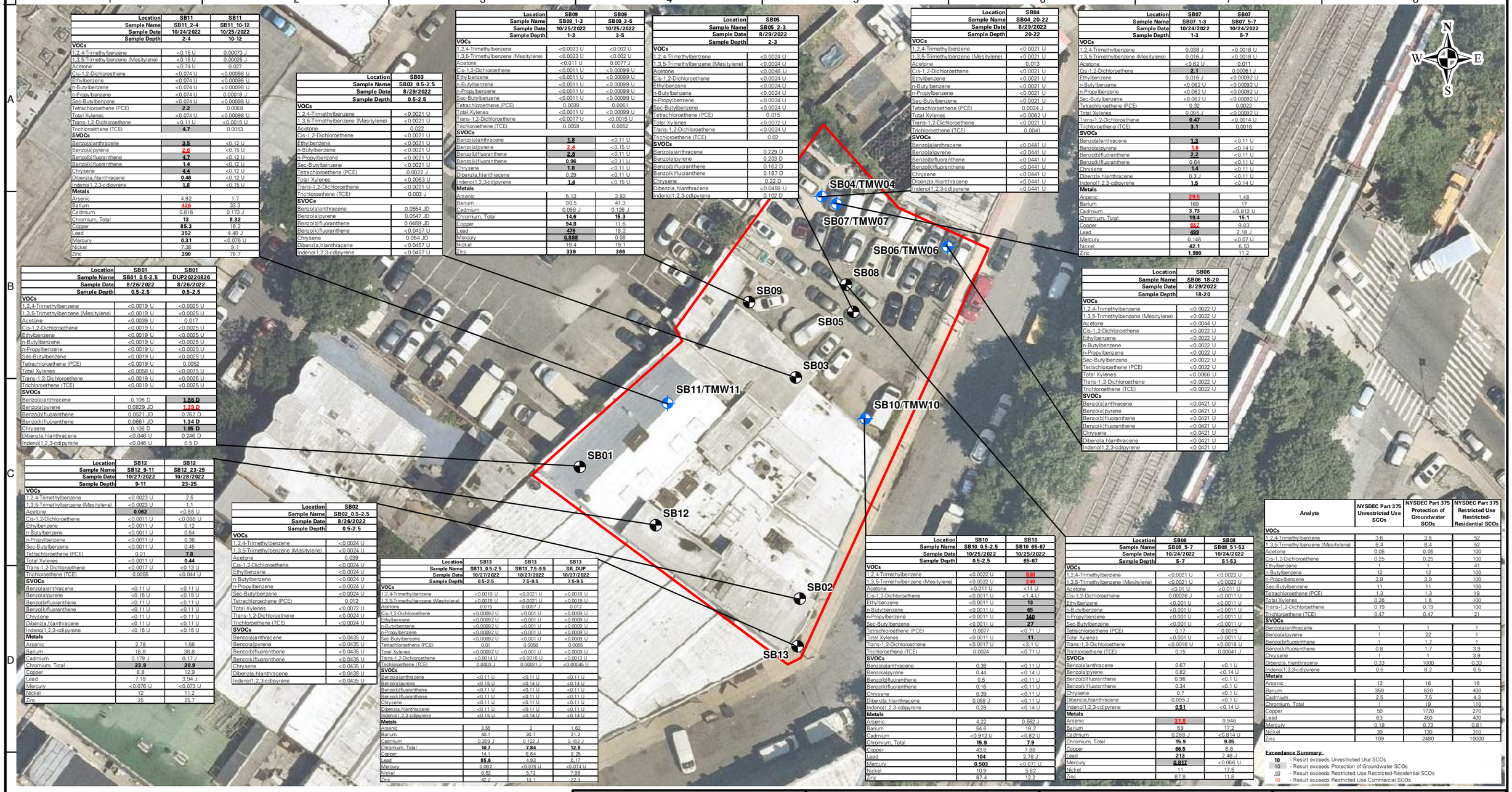
Path: \\langan.com\data\PAR\data5\101015501\Project Data\ArcGIS\MXD\Environmental_Figures\Figure 1 - Sample Location Plan.mxd



Location	SB11	SB11
Sample Name	SB11_2-4	SB11_10-12
Sample Date	10/24/2022	10/25/2022
Sample Depth	2-4	10-12
VOCs		
1,2,4-Trimethylbenzene	<0.15 U	0.00073 J
1,3,5-Trimethylbenzene (Mesitylene)	<0.15 U	0.0002 J
Acetone	<0.74 U	0.027
Cis-1,2-Dichloroethene	<0.074 U	<0.00098 U
Ethylbenzene	<0.074 U	<0.00098 U
n-Butylbenzene	<0.074 U	<0.00098 U
n-Propylbenzene	<0.074 U	0.00018 J
Sec-Butylbenzene	<0.074 U	<0.00098 U
Tetrachloroethene (PCE)	**2.2**	0.0068
Total Xylenes	<0.074 U	<0.00098 U
Trans-1,2-Dichloroethene	<0.11 U	<0.0015 U
Trichloroethene (TCE)	**4.7**	0.0053
SVOCs		
Benzo(a)anthracene	**3.5**	<0.12 U
Benzo(a)pyrene	**2.6**	<0.15 U
Benzo(b)fluoranthene	**4.7**	<0.12 U
Benzo(k)fluoranthene	**1.4**	<0.12 U
Chrysene	**4.4**	<0.12 U
Dibenz(a,h)anthracene	**0.46**	<0.12 U
Indeno(1,2,3-cd)pyrene	**1.8**	<0.15 U
Metals		
Arsenic	4.92	1.7
Barium	**426**	33.3
Cadmium	0.816	0.173 J
Chromium, Total	**13**	**8.32**
Copper	**85.3**	16.2
Lead	**352**	4.48 J
Mercury	**0.31**	<0.076 U
Nickel	7.38	9.1
Zinc	**390**	76.7

Location	SB03
Sample Name	SB03_0.5-2.5
Sample Date	8/29/2022
Sample Depth	0.5-2.5
VOCs	
1,2,4-Trimethylbenzene	<0.0021 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.0021 U
Acetone	0.022
Cis-1,2-Dichloroethene	<0.0021 U
Ethylbenzene	<0.0021 U
n-Butylbenzene	<0.0021 U
n-Propylbenzene	<0.0021 U
Sec-Butylbenzene	<0.0021 U
Tetrachloroethene (PCE)	0.0022 J
Total Xylenes	<0.0063 U
Trans-1,2-Dichloroethene	<0.0021 U
Trichloroethene (TCE)	0.003 J
SVOCs	
Benzo(a)anthracene	0.0554 JD
Benzo(a)pyrene	0.0547 JD
Benzo(b)fluoranthene	0.0459 JD
Benzo(k)fluoranthene	<0.0457 U
Chrysene	0.054 JD
Dibenz(a,h)anthracene	<0.0457 U
Indeno(1,2,3-cd)pyrene	<0.0457 U

Location	SB09	SB09
Sample Name	SB09_1-3	SB09_3-5
Sample Date	10/25/2022	10/25/2022
Sample Depth	1-3	3-5
VOCs		
1,2,4-Trimethylbenzene	<0.0023 U	<0.002 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.0023 U	<0.002 U
Acetone	<0.011 U	0.0077 J
Cis-1,2-Dichloroethene	<0.0011 U	<0.00099 U
Ethylbenzene	<0.0011 U	<0.00099 U
n-Butylbenzene	<0.0011 U	<0.00099 U
n-Propylbenzene	<0.0011 U	<0.00099 U
Sec-Butylbenzene	<0.0011 U	<0.00099 U
Tetrachloroethene (PCE)	0.0039	0.0061
Total Xylenes	<0.0011 U	<0.00099 U
Trans-1,2-Dichloroethene	<0.0017 U	<0.0015 U
Trichloroethene (TCE)	0.0059	0.0052
SVOCs		
Benzo(a)anthracene	**1.8**	<0.11 U
Benzo(a)pyrene	**2.4**	<0.15 U
Benzo(b)fluoranthene	**2.6**	<0.11 U
Benzo(k)fluoranthene	**0.96**	<0.11 U
Chrysene	**1.8**	<0.11 U
Dibenz(a,h)anthracene	0.29	<0.11 U
Indeno(1,2,3-cd)pyrene	**1.4**	<0.15 U
Metals		
Arsenic	5.13	2.82
Barium	90.5	41.3
Cadmium	0.098 J	0.126 J
Chromium, Total	**14.6**	**15.3**
Copper	**94.8**	11.6
Lead	**476**	18.2
Mercury	**0.888**	0.08
Nickel	19.4	19.1
Zinc	**336**	**366**

Location	SB05
Sample Name	SB05_2-3
Sample Date	8/29/2022
Sample Depth	2-3
VOCs	
1,2,4-Trimethylbenzene	<0.0024 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.0024 U
Acetone	<0.0048 U
Cis-1,2-Dichloroethene	<0.0024 U
Ethylbenzene	<0.0024 U
n-Butylbenzene	<0.0024 U
n-Propylbenzene	<0.0024 U
Sec-Butylbenzene	<0.0024 U
Tetrachloroethene (PCE)	0.015
Total Xylenes	<0.0072 U
Trans-1,2-Dichloroethene	<0.0024 U
Trichloroethene (TCE)	0.02
SVOCs	
Benzo(a)anthracene	0.229 D
Benzo(a)pyrene	0.203 D
Benzo(b)fluoranthene	0.162 D
Benzo(k)fluoranthene	0.187 D
Chrysene	0.22 D
Dibenz(a,h)anthracene	<0.0459 U
Indeno(1,2,3-cd)pyrene	0.102 D

Location	SB04
Sample Name	SB04_20-22
Sample Date	8/29/2022
Sample Depth	20-22
VOCs	
1,2,4-Trimethylbenzene	<0.0021 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.0021 U
Acetone	0.013
Cis-1,2-Dichloroethene	<0.0021 U
Ethylbenzene	<0.0021 U
n-Butylbenzene	<0.0021 U
n-Propylbenzene	<0.0021 U
Sec-Butylbenzene	<0.0021 U
Tetrachloroethene (PCE)	0.0024 J
Total Xylenes	<0.0062 U
Trans-1,2-Dichloroethene	<0.0021 U
Trichloroethene (TCE)	0.0041
SVOCs	
Benzo(a)anthracene	<0.0441 U
Benzo(a)pyrene	<0.0441 U
Benzo(b)fluoranthene	<0.0441 U
Benzo(k)fluoranthene	<0.0441 U
Chrysene	<0.0441 U
Dibenz(a,h)anthracene	<0.0441 U
Indeno(1,2,3-cd)pyrene	<0.0441 U

Location	SB07	SB07
Sample Name	SB07_1-3	SB07_5-7
Sample Date	10/24/2022	10/24/2022
Sample Depth	1-3	5-7
VOCs		
1,2,4-Trimethylbenzene	0.038 J	<0.0018 U
1,3,5-Trimethylbenzene (Mesitylene)	0.016 J	<0.0018 U
Acetone	<0.62 U	0.011
Cis-1,2-Dichloroethene	**2.1**	0.00061 J
Ethylbenzene	0.016 J	<0.00092 U
n-Butylbenzene	<0.062 U	<0.00092 U
n-Propylbenzene	<0.062 U	<0.00092 U
Sec-Butylbenzene	<0.062 U	<0.00092 U
Tetrachloroethene (PCE)	0.32	0.0022
Total Xylenes	0.095 J	<0.00092 U
Trans-1,2-Dichloroethene	**0.47**	<0.0014 U
Trichloroethene (TCE)	**3.1**	0.0018
SVOCs		
Benzo(a)anthracene	**1.3**	<0.11 U
Benzo(a)pyrene	**1.6**	<0.14 U
Benzo(b)fluoranthene	**2.2**	<0.11 U
Benzo(k)fluoranthene	0.64	<0.11 U
Chrysene	**1.4**	<0.11 U
Dibenz(a,h)anthracene	0.3 J	<0.11 U
Indeno(1,2,3-cd)pyrene	**1.5**	<0.14 U
Metals		
Arsenic	**29.5**	1.48
Barium	189	17
Cadmium	**3.73**	<0.812 U
Chromium, Total	**19.4**	**15.1**
Copper	**637**	9.83
Lead	**499**	2.18 J
Mercury	0.148	<0.07 U
Nickel	**42.1**	6.53
Zinc	**1,990**	11.2

Location	SB01	SB01
Sample Name	SB01_0.5-2.5	DUP20220826
Sample Date	8/26/2022	8/26/2022
Sample Depth	0.5-2.5	0.5-2.5
VOCs		
1,2,4-Trimethylbenzene	<0.0019 U	<0.0025 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.0019 U	<0.0025 U
Acetone	<0.0039 U	0.017
Cis-1,2-Dichloroethene	<0.0019 U	<0.0025 U
Ethylbenzene	<0.0019 U	<0.0025 U
n-Butylbenzene	<0.0019 U	<0.0025 U
n-Propylbenzene	<0.0019 U	<0.0025 U
Sec-Butylbenzene	<0.0019 U	<0.0025 U
Tetrachloroethene (PCE)	<0.0019 U	0.0052
Total Xylenes	<0.0058 U	<0.0075 U
Trans-1,2-Dichloroethene	<0.0019 U	<0.0025 U
Trichloroethene (TCE)	<0.0019 U	<0.0025 U
SVOCs		
Benzo(a)anthracene	0.106 D	**1.86 D**
Benzo(a)pyrene	0.0829 JD	**1.39 D**
Benzo(b)fluoranthene	0.0521 JD	0.762 D
Benzo(k)fluoranthene	0.0661 JD	**1.34 D**
Chrysene	0.106 D	**1.95 D**
Dibenz(a,h)anthracene	<0.046 U	0.246 D
Indeno(1,2,3-cd)pyrene	<0.046 U	0.5 D

Location	SB06
Sample Name	SB06_18-20
Sample Date	8/29/2022
Sample Depth	18-20
VOCs	
1,2,4-Trimethylbenzene	<0.0022 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.0022 U
Acetone	<0.0044 U
Cis-1,2-Dichloroethene	<0.0022 U
Ethylbenzene	<0.0022 U
n-Butylbenzene	<0.0022 U
n-Propylbenzene	<0.0022 U
Sec-Butylbenzene	<0.0022 U
Tetrachloroethene (PCE)	<0.0022 U
Total Xylenes	<0.0066 U
Trans-1,2-Dichloroethene	<0.0022 U
Trichloroethene (TCE)	<0.0022 U
SVOCs	
Benzo(a)anthracene	<0.0421 U
Benzo(a)pyrene	<0.0421 U
Benzo(b)fluoranthene	<0.0421 U
Benzo(k)fluoranthene	<0.0421 U
Chrysene	<0.0421 U
Dibenz(a,h)anthracene	<0.0421 U
Indeno(1,2,3-cd)pyrene	<0.0421 U

Location	SB12	SB12
Sample Name	SB12_9-11	SB12_23-25
Sample Date	10/27/2022	10/28/2022
Sample Depth	9-11	23-25
VOCs		
1,2,4-Trimethylbenzene	<0.0023 U	2.5
1,3,5-Trimethylbenzene (Mesitylene)	<0.0023 U	1.1
Acetone	**0.062**	<0.88 U
Cis-1,2-Dichloroethene	<0.0011 U	<0.088 U
Ethylbenzene	<0.0011 U	0.12
n-Butylbenzene	<0.0011 U	0.54
n-Propylbenzene	<0.0011 U	0.36
Sec-Butylbenzene	<0.0011 U	0.45
Tetrachloroethene (PCE)	0.01	**7.8**
Total Xylenes	<0.0011 U	**0.44**
Trans-1,2-Dichloroethene	<0.0017 U	<0.13 U
Trichloroethene (TCE)	0.0055	<0.044 U
SVOCs		
Benzo(a)anthracene	<0.11 U	<0.11 U
Benzo(a)pyrene	<0.15 U	<0.15 U
Benzo(b)fluoranthene	<0.11 U	<0.11 U
Benzo(k)fluoranthene	<0.11 U	<0.11 U
Chrysene	<0.11 U	<0.11 U
Dibenz(a,h)anthracene	<0.11 U	<0.11 U
Indeno(1,2,3-cd)pyrene	<0.15 U	<0.15 U
Metals		
Arsenic	2.78	1.56
Barium	16.8	38.8
Cadmium	0.179 J	0.17 J
Chromium, Total	**23.9**	**20.9**
Copper	8.8	12.9
Lead	7.18	3.94 J
Mercury	<0.076 U	<0.073 U
Nickel	12	11.2
Zinc	25	25.7

Location	SB02
Sample Name	SB02_0.5-2.5
Sample Date	8/26/2022
Sample Depth	0.5-2.5
VOCs	
1,2,4-Trimethylbenzene	<0.0024 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.0024 U
Acetone	0.039
Cis-1,2-Dichloroethene	<0.0024 U
Ethylbenzene	<0.0024 U
n-Butylbenzene	<0.0024 U
n-Propylbenzene	<0.0024 U
Sec-Butylbenzene	<0.0024 U
Tetrachloroethene (PCE)	0.012
Total Xylenes	<0.0072 U
Trans-1,2-Dichloroethene	<0.0024 U
Trichloroethene (TCE)	<0.0024 U
SVOCs	
Benzo(a)anthracene	<0.0435 U
Benzo(a)pyrene	<0.0435 U
Benzo(b)fluoranthene	<0.0435 U
Benzo(k)fluoranthene	<0.0435 U
Chrysene	<0.0435 U
Dibenz(a,h)anthracene	<0.0435 U
Indeno(1,2,3-cd)pyrene	<0.0435 U

Location	SB13	SB13	SB13
Sample Name	SB13_0.5-2.5	SB13_7.5-9.5	SB_DUP
Sample Date	10/27/2022	10/27/2022	10/27/2022
Sample Depth	0.5-2.5	7.5-9.5	7.5-9.5
VOCs			
1,2,4-Trimethylbenzene	<0.0018 U	<0.0021 U	<0.0018 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.0018 U	<0.0021 U	<0.0018 U
Acetone	0.015	0.0057 J	0.012
Cis-1,2-Dichloroethene	<0.00092 U	<0.001 U	<0.0009 U
Ethylbenzene	<0.00092 U	<0.001 U	<0.0009 U
n-Butylbenzene	<0.00092 U	<0.001 U	<0.0009 U
n-Propylbenzene	<0.00092 U	<0.001 U	<0.0009 U
Sec-Butylbenzene	<0.00092 U	<0.001 U	<0.0009 U
Tetrachloroethene (PCE)	0.01	0.0058	0.0055
Total Xylenes	<0.00092 U	<0.001 U	<0.0009 U
Trans-1,2-Dichloroethene	<0.0014 U	<0.0016 U	<0.0013 U
Trichloroethene (TCE)	0.0003 J	0.00021 J	<0.00045 U
SVOCs			
Benzo(a)anthracene	<0.11 U	<0.11 U	<0.11 U
Benzo(a)pyrene	<0.15 U	<0.14 U	<0.14 U
Benzo(b)fluoranthene	<0.11 U	<0.11 U	<0.11 U
Benzo(k)fluoranthene	<0.11 U	<0.11 U	<0.11 U
Chrysene	<0.11 U	<0.11 U	<0.11 U
Dibenz(a,h)anthracene	<0.11 U	<0.11 U	<0.11 U
Indeno(1,2,3-cd)pyrene	<0.15 U	<0.14 U	<0.14 U
Metals			
Arsenic	3.55	2	1.62
Barium	40.1	20.7	21.2
Cadmium	0.269 J	0.122 J	0.162 J
Chromium, Total	**10.7**	**7.84**	**12.8**
Copper	14.1	6.64	9.25
Lead	**85.6**	4.93	5.17
Mercury	0.092	<0.075 U	<0.074 U
Nickel	6.52	5.72	7.98
Zinc	42.2	13.1	22.3

Location	SB10	SB10
Sample Name	SB10_0.5-2.5	SB10_65-67
Sample Date	10/25/2022	10/25/2022
Sample Depth	0.5-2.5	65-67
VOCs		
1,2,4-Trimethylbenzene	<0.0022 U	**890**
1,3,5-Trimethylbenzene (Mesitylene)	<0.0022 U	**240**
Acetone	<0.011 U	<14 U
Cis-1,2-Dichloroethene	<0.0011 U	<1.4 U
Ethylbenzene	<0.0011 U	**13**
n-Butylbenzene	<0.0011 U	**65**
n-Propylbenzene	<0.0011 U	**140**
Sec-Butylbenzene	<0.0011 U	**27**
Tetrachloroethene (PCE)	0.0077	<0.71 U
Total Xylenes	<0.0011 U	**11**
Trans-1,2-Dichloroethene	<0.0017 U	<2.1 U
Trichloroethene (TCE)	0.0024	<0.71 U
SVOCs		
Benzo(a)anthracene	0.38	<0.11 U
Benzo(a)pyrene	0.44	<0.14 U
Benzo(b)fluoranthene	0.5	<0.11 U
Benzo(k)fluoranthene	0.16	<0.11 U
Chrysene	0.39	<0.11 U
Dibenz(a,h)anthracene	0.068 J	<0.11 U
Indeno(1,2,3-cd)pyrene	0.28	<0.14 U
Metals		
Arsenic	4.22	0.552 J
Barium	54.6	18.2
Cadmium	<0.912 U	<0.82 U
Chromium, Total	**15.9**	**7.9**
Copper	43.8	7.88
Lead	**104**	2.78 J
Mercury	**0.503**	<0.071 U
Nickel	10.9	5.62
Zinc	87.4	12.2

Location	SB08	SB08
Sample Name	SB08_5-7	SB08_51-53
Sample Date	10/24/2022	10/24/2022
Sample Depth	5-7	51-53
VOCs		
1,2,4-Trimethylbenzene	<0.0021 U	<0.0022 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.0021 U	<0.0022 U
Acetone	<0.01 U	<0.011 U
Cis-1,2-Dichloroethene	0.00026 J	<0.0011 U
Ethylbenzene	<0.001 U	<0.0011 U
n-Butylbenzene	<0.001 U	<0.0011 U
n-Propylbenzene	<0.001 U	<0.0011 U
Sec-Butylbenzene	<0.001 U	<0.0011 U
Tetrachloroethene (PCE)	0.17	0.0015
Total Xylenes	<0.001 U	<0.0011 U
Trans-1,2-Dichloroethene	<0.0016 U	<0.0016 U
Trichloroethene (TCE)	0.15	0.00041 J
SVOCs		
Benzo(a)anthracene	0.67	<0.1 U
Benzo(a)pyrene	0.82	<0.14 U
Benzo(b)fluoranthene	0.96	<0.1 U
Benzo(k)fluoranthene	0.34	<0.1 U
Chrysene	0.7	<0.1 U
Dibenz(a,h)anthracene	0.095 J	<0.1 U
Indeno(1,2,3-cd)pyrene	**0.51**	<0.14 U
Metals		
Arsenic	**31.8**	0.946
Barium	89	17.2
Cadmium	0.288 J	<0.814 U
Chromium, Total	**15.9**	**9.05**
Copper	**66.5**	6.6
Lead	**213**	2.46 J
Mercury	**0.817**	<0.066 U
Nickel	11	17.5
Zinc	87.8	11.8

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
VOCs			
1,2,4-Trimethylbenzene	3.6	3.6	52
1,3,5-Trimethylbenzene (Mesitylene)	8.4	8.4	52
Acetone	0.05	0.05	100
Cis-1,2-Dichloroethene	0.25	0.25	100
Ethylbenzene	1	1	41
n-Butylbenzene	12	12	100
n-Propylbenzene	3.9	3.9	100
Sec-Butylbenzene	11	11	100
Tetrachloroethene (PCE)	1.3	1.3	19
Total Xylenes	0.26	1.6	100
Trans-1,2-Dichloroethene	0.19	0.19	100
Trichloroethene (TCE)	0.47	0.47	21
SVOCs			
Benzo(a)anthracene	1	1	1
Benzo(a)pyrene	1	22	1
Benzo(b)fluoranthene	1	1.7	1
Benzo(k)fluoranthene	0.8	1.7	3.9
Chrysene	1	1	3.9
Dibenz(a,h)anthracene	0.33	1000	0.33
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5
Metals			
Arsenic	13	16	16
Barium	350	820	400
Cadmium	2.5	7.5	4.3
Chromium, Total	1	19	110
Copper	50	1720	270
Lead	63	450	400
Mercury	0.18	0.73	0.81
Nickel	30	130	310
Zinc	109	2480	10000

Exceedance Summary:

- **10** - Result exceeds Unrestricted Use SCOs
- 10 - Result exceeds Protection of Groundwater SCOs
- 10 - Result exceeds Restricted Use Restricted-Residential SCOs
- 10 - Result exceeds Restricted Use Commercial SCOs

Legend

- Site Boundary
- Soil Boring
- Soil Boring and Temporary Monitoring Well

40 0 40

SCALE IN FEET

Notes:
1. Aerial imagery provided through Langan's subscription to Nearmap, dated July 19, 2022.
2. Parcel data provided by NYC MapPLUTO 22v2.

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Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
16-63 CODY AVENUE
BLOCK 3556, LOT 61
QUEENS NEW YORK

Drawing Title
SOIL ANALYTICAL RESULTS

Project No. 101015501
Date 11/11/2022
Scale 1 " = 40 '
Drawn By IHB
Figure 2

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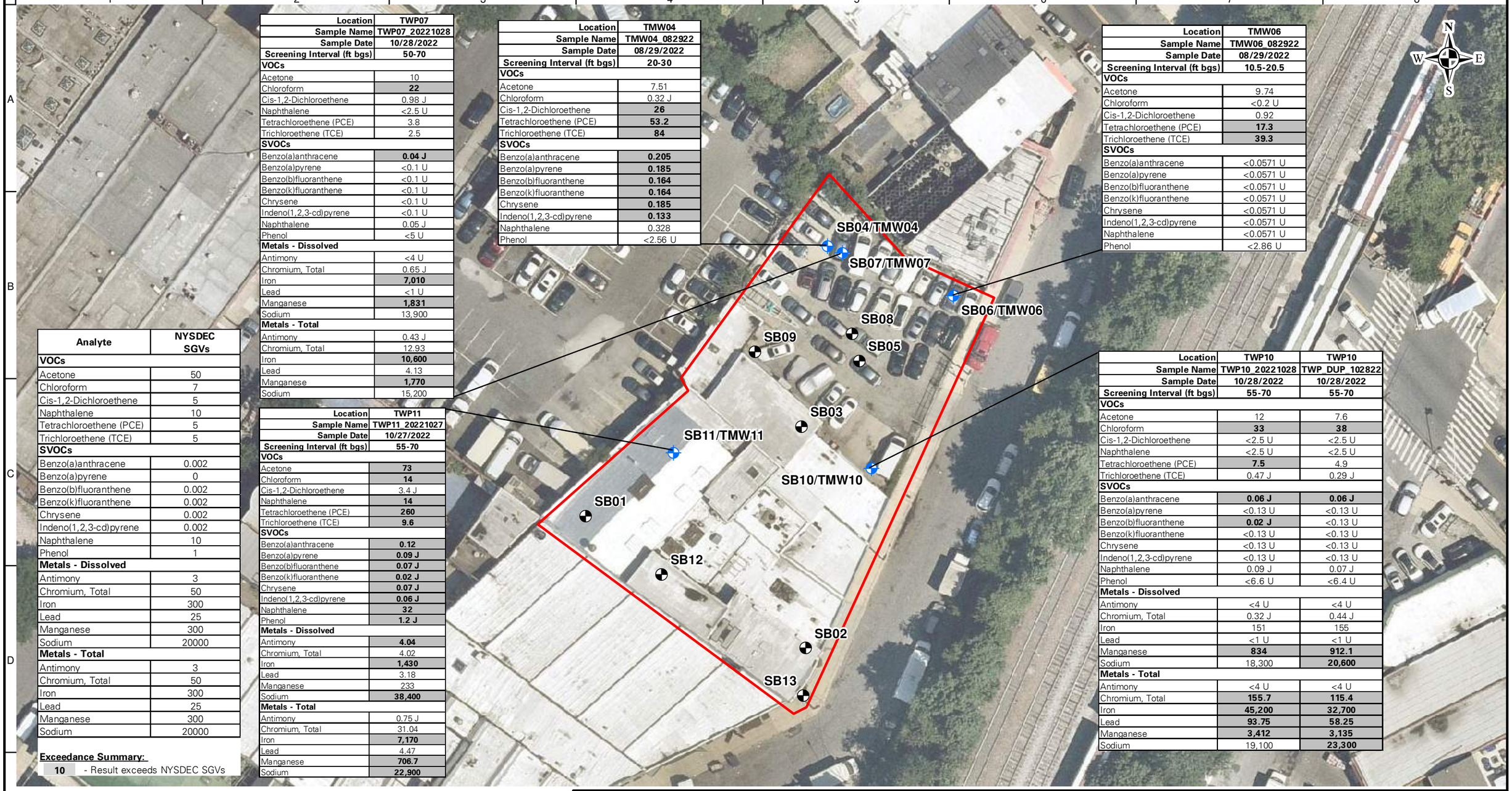
Path: \\langan.com\data\PAR\data5\101015501\Project Data\ArcGIS\MXD\Environmental_Figures\2022-11 Analytical Figures\Figure 2 – Soil Sample Analytical Results.mxd Date: 11/11/2022 User: ibaker Time: 1:34:10 PM



Location	TWP07
Sample Name	TWP07_20221028
Sample Date	10/28/2022
Screening Interval (ft bgs)	50-70
VOCs	
Acetone	10
Chloroform	**22**
Cis-1,2-Dichloroethene	0.98 J
Naphthalene	<2.5 U
Tetrachloroethene (PCE)	3.8
Trichloroethene (TCE)	2.5
SVOCs	
Benzo(a)anthracene	**0.04 J**
Benzo(a)pyrene	<0.1 U
Benzo(b)fluoranthene	<0.1 U
Benzo(k)fluoranthene	<0.1 U
Chrysene	<0.1 U
Indeno(1,2,3-cd)pyrene	<0.1 U
Naphthalene	0.05 J
Phenol	<5 U
Metals - Dissolved	
Antimony	<4 U
Chromium, Total	0.65 J
Iron	**7,010**
Lead	<1 U
Manganese	**1,831**
Sodium	13,900
Metals - Total	
Antimony	0.43 J
Chromium, Total	12.93
Iron	**10,600**
Lead	4.13
Manganese	**1,770**
Sodium	15,200

Location	TMW04
Sample Name	TMW04_082922
Sample Date	08/29/2022
Screening Interval (ft bgs)	20-30
VOCs	
Acetone	7.51
Chloroform	0.32 J
Cis-1,2-Dichloroethene	**26**
Tetrachloroethene (PCE)	**53.2**
Trichloroethene (TCE)	**84**
SVOCs	
Benzo(a)anthracene	**0.205**
Benzo(a)pyrene	**0.185**
Benzo(b)fluoranthene	**0.164**
Benzo(k)fluoranthene	**0.164**
Chrysene	**0.185**
Indeno(1,2,3-cd)pyrene	**0.133**
Naphthalene	0.328
Phenol	<2.56 U

Location	TMW06
Sample Name	TMW06_082922
Sample Date	08/29/2022
Screening Interval (ft bgs)	10.5-20.5
VOCs	
Acetone	9.74
Chloroform	<0.2 U
Cis-1,2-Dichloroethene	0.92
Tetrachloroethene (PCE)	**17.3**
Trichloroethene (TCE)	**39.3**
SVOCs	
Benzo(a)anthracene	<0.0571 U
Benzo(a)pyrene	<0.0571 U
Benzo(b)fluoranthene	<0.0571 U
Benzo(k)fluoranthene	<0.0571 U
Chrysene	<0.0571 U
Indeno(1,2,3-cd)pyrene	<0.0571 U
Naphthalene	<0.0571 U
Phenol	<2.86 U

Analyte	NYSDEC SGVs
VOCs	
Acetone	50
Chloroform	7
Cis-1,2-Dichloroethene	5
Naphthalene	10
Tetrachloroethene (PCE)	5
Trichloroethene (TCE)	5
SVOCs	
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002
Naphthalene	10
Phenol	1
Metals - Dissolved	
Antimony	3
Chromium, Total	50
Iron	300
Lead	25
Manganese	300
Sodium	20000
Metals - Total	
Antimony	3
Chromium, Total	50
Iron	300
Lead	25
Manganese	300
Sodium	20000

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Location	TWP11
Sample Name	TWP11_20221027
Sample Date	10/27/2022
Screening Interval (ft bgs)	55-70
VOCs	
Acetone	**73**
Chloroform	**14**
Cis-1,2-Dichloroethene	3.4 J
Naphthalene	**14**
Tetrachloroethene (PCE)	**260**
Trichloroethene (TCE)	**9.6**
SVOCs	
Benzo(a)anthracene	**0.12**
Benzo(a)pyrene	**0.09 J**
Benzo(b)fluoranthene	**0.07 J**
Benzo(k)fluoranthene	**0.02 J**
Chrysene	**0.07 J**
Indeno(1,2,3-cd)pyrene	**0.06 J**
Naphthalene	**32**
Phenol	**1.2 J**
Metals - Dissolved	
Antimony	**4.04**
Chromium, Total	4.02
Iron	**1,430**
Lead	3.18
Manganese	233
Sodium	**38,400**
Metals - Total	
Antimony	0.75 J
Chromium, Total	31.04
Iron	**7,170**
Lead	4.47
Manganese	**706.7**
Sodium	**22,900**

Location	TWP10	TWP10
Sample Name	TWP10_20221028	TWP_DUP_102822
Sample Date	10/28/2022	10/28/2022
Screening Interval (ft bgs)	55-70	55-70
VOCs		
Acetone	12	7.6
Chloroform	**33**	**38**
Cis-1,2-Dichloroethene	<2.5 U	<2.5 U
Naphthalene	<2.5 U	<2.5 U
Tetrachloroethene (PCE)	**7.5**	4.9
Trichloroethene (TCE)	0.47 J	0.29 J
SVOCs		
Benzo(a)anthracene	**0.06 J**	**0.06 J**
Benzo(a)pyrene	<0.13 U	<0.13 U
Benzo(b)fluoranthene	**0.02 J**	<0.13 U
Benzo(k)fluoranthene	<0.13 U	<0.13 U
Chrysene	<0.13 U	<0.13 U
Indeno(1,2,3-cd)pyrene	<0.13 U	<0.13 U
Naphthalene	0.09 J	0.07 J
Phenol	<6.6 U	<6.4 U
Metals - Dissolved		
Antimony	<4 U	<4 U
Chromium, Total	0.32 J	0.44 J
Iron	151	155
Lead	<1 U	<1 U
Manganese	**834**	**912.1**
Sodium	18,300	**20,600**
Metals - Total		
Antimony	<4 U	<4 U
Chromium, Total	**155.7**	**115.4**
Iron	**45,200**	**32,700**
Lead	**93.75**	**58.25**
Manganese	**3,412**	**3,135**
Sodium	19,100	**23,300**

Legend

- Site Boundary
- Soil Boring
- Soil Boring and Temporary Monitoring Well

40 0 40

SCALE IN FEET

Notes:
1. Aerial imagery provided through Langan's subscription to Nearmap, dated July 19, 2022.
2. Parcel data provided by NYC MapPLUTO 22v2.

LANGAN

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Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project: 16-63 CODY AVENUE

BLOCK 3556, LOT 61

QUEENS NEW YORK

Drawing Title: GROUNDWATER ANALYTICAL RESULTS

Project No. 101015501

Date 11/11/2022

Scale 1 " = 40 '

Drawn By IHB

Submission Date

Figure 3

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Path: \\langan.com\data\PAR\data5\101015501\Project Data\ArcGIS\MXD\Environmental_Figures\2022-11 Analytical Figures\Figure 3 - Groundwater Sample Analytical Results.mxd Date: 11/11/2022 User: ibaker Time: 1:32:09 PM

ATTACHMENT A

Boring Logs

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Log of Boring **SB01** Sheet 1 of 1

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation and Datum: ---
Drilling Company: AARCO Environmental Services Corp.	Date Started: 08/26/2022 / Date Finished: 08/26/2022
Drilling Equipment: Geoprobe 420M	Completion Depth: 5 ft / Rock Depth: --
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 2, Undisturbed --, Core --
Casing Diameter (in): -- / Casing Depth (ft): --	Water Level (ft.): First, Completion, 24 HR.
Casing Hammer: -- / Weight (lbs): -- / Drop (in): --	Drilling Foreman: --
Sampler: 1.75" x 3' Long Acetate Lined Macrocore	Field Engineer: Mat Frankel
Sampler Hammer: -- / Weight (lbs): -- / Drop (in): --	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		CONCRETE	0					0.0	Started Drilling at 8/26/2022 within basement approximately 10 feet below sidewalk level
		BRICK						0.0	
		Grayish brown fine SAND, some fine gravel (dry) [FILL]	1					0.0	SB-1_0.5-2.5 collected from 0.5-2.5 ft bgs (VOCs sampled from 0.5-1 ft bgs)
		Grayish brown fine SAND (dry) [FILL]		M-1	Macrocore	18		0.0	
			2					0.0	
								0.0	
		Grayish brown fine SAND, some fine gravel (dry) [FILL]	3					0.0	
		White coarse GRAVEL, Pulverized cobble (dry) [FILL]						0.0	
		Brown fine SAND, trace fine gravel (dry) [FILL]	4	M-2	Macrocore	20		0.0	
								0.0	
			5						Refusal at 5 ft bgs.
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB02** Sheet 1 of 1

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation and Datum: ---
Drilling Company: AARCO Environmental Services Corp.	Date Started: 08/26/2022 / Date Finished: 08/26/2022
Drilling Equipment: Geoprobe 420M	Completion Depth: 10.5 ft / Rock Depth: --
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 4, Undisturbed --, Core --
Casing Diameter (in): -- / Casing Depth (ft): --	Water Level (ft.): First ▽, Completion ▼, 24 HR. ▼
Casing Hammer: -- / Weight (lbs): -- / Drop (in): --	Drilling Foreman: --
Sampler: 1.75" x 3' Long Acetate Lined Macrocore	Field Engineer: Mat Frankel
Sampler Hammer: -- / Weight (lbs): -- / Drop (in): --	

Sample Description	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
CONCRETE	M-1	Macrocore	24		0.0	Started Drilling at 8/26/2022 within basement approximately 10 feet below sidewalk level
Dark reddish brownish black SAND (dry)[FILL]					0.0	
Dark reddish brown medium SAND (dry) [FILL]					0.0	
Orangish tannish brown fine-medium SAND, trace gravel (moist)					0.0	SB02_0.5-2.5 collected from 0.5-2.5 ft bgs (VOCs sampled from 2-2.5 ft bgs)
					0.0	
					0.0	
					0.0	
Light tan fine SAND, Some orange mottling (moist)	M-2	Macrocore	36		0.0	
					0.0	
					0.0	
Dark brownish red fine-medium SAND					0.0	
					0.0	Cobbles at 6-7 ft bgs
	M-3	Macrocore	30		0.0	
Reddish tan fine-medium SAND, trace gravel (moist)					0.0	
					0.0	SB02_8.5-10.5 collected from 8.5-10.5 ft bgs (VOCs sampled from 8-8.5 ft bgs)
					0.0	
Reddish tan fine-medium SAND, trace gravel (moist)	M-4	Macrocore	27		0.0	
					0.0	
					0.0	Refusal at 10.5 ft bgs.

Depth Scale: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20

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Log of Boring **SB03** Sheet 1 of 2

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation and Datum: ---
Drilling Company: AARCO Environmental Services Corp.	Date Started: 08/29/2022 / Date Finished: 08/29/2022
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 22 ft / Rock Depth: --
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 5, Undisturbed --, Core --
Casing Diameter (in): -- / Casing Depth (ft): --	Water Level (ft.): First ▽, Completion ▼, 24 HR. ▼
Casing Hammer: -- / Weight (lbs): -- / Drop (in): --	Drilling Foreman: --
Sampler: 1.75" x 5' Long Acetate Lined Macrocore	Field Engineer: Mat Frankel
Sampler Hammer: -- / Weight (lbs): -- / Drop (in): --	

Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
CONCRETE	0	M-1	Macrocore	40		0.0	Started Drilling at 8/29/2022
Orangish grayish brown medium-fine SAND, trace fine gravel (moist)[FILL]	1					0.0	SB03_0.5-2.5 collected from 0.5-2.5 ft bgs (VOCs sampled from 0.5-1 ft bgs)
	2					0.0	
	3					0.0	
	4					0.0	
	5	M-2	Macrocore	45		0.0	
CONCRETE						0.0	
Tannish brownish orange silty SAND, trace fine gravel (moist)	6					0.0	
	7					0.0	
	8					0.0	
	9					0.0	
	10	M-3	Macrocore	48		0.0	
Dark grayish black SILT, Ash-like with gravels (dry)						0.0	
Brownish orangish medium SAND (moist)	11					0.0	
	12					0.0	
Grayish tan coarse-medium SAND, some m-c gravel, trace cobbles greater than 2 inches diameter (dry)	13					0.0	
	14					0.0	
	15	M-4	Macrocore	48		0.0	Cobbles greater than 2 inches diameter. Darker sand with larger gravel with increasing depth.
Grayish tan coarse-medium SAND, some m-c gravel (dry)	16					0.0	
	17					0.0	
	18					0.0	
	19					0.0	
Grayish orangish brown fine SAND (moist)	20					0.0	

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Log of Boring **SB03** Sheet 2 of 2

Project	Project No.
16-63 Cody Avenue	101015501
Location	**Elevation and Datum**
16-63 Cody Avenue, Queens, NY	---

MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Grayish orangish brown silty fine SAND (moist)	20	M-5	Macrocore	48		0.0	
			21					0.0	
								0.0	
								0.0	
			22						Refusal on pinkish cobble at 22 ft bgs.
			23						
			24						
			25						
			26						
			27						
			28						
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						
			37						
			38						
			39						
			40						
			41						
			42						
			43						
			44						
			45						

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Log of Boring **SB04/TMW04** Sheet 1 of 2

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation and Datum: ---
Drilling Company: AARCO Environmental Services Corp.	Date Started: 08/29/2022 / Date Finished: 08/29/2022
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 25 ft / Rock Depth: --
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 5, Undisturbed --, Core --
Casing Diameter (in): -- / Casing Depth (ft): --	Water Level (ft.): First 22, Completion, 24 HR.
Casing Hammer: -- / Weight (lbs): -- / Drop (in): --	Drilling Foreman: --
Sampler: 1.75" x 5' Long Acetate Lined Macrocore	Field Engineer: Mat Frankel
Sampler Hammer: -- / Weight (lbs): -- / Drop (in): --	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		ASPHALT	0–1						Started Drilling at 8/29/2022
		Dark orangish brown silty fine SAND, some gravel (moist) [FILL]	1–5	M-1	Macrocore	48			Cobble over 2 in at 3 ft bgs
		Grayish orangish silty fine SAND (moist)	5–6						Brick at 6 ft bgs
		Dark orangish grayish brown fine-medium SAND, some gravel (moist)	6–10	M-2	Macrocore	40			
		Alternating grayish orangish tan medium SAND and GRAVEL layers, some cobbles >2 inch diameter (dry)	10–15	M-3	Macrocore	48			Coarsening with depth, gravel and cobbles at 10 ft bgs
		Grayish orangish tan coarse-medium SAND (dry)	15–20	M-4	Macrocore	48			

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Log of Boring **SB04/TMW04** Sheet 2 of 2

Project	Project No.
16-63 Cody Avenue	101015501
Location	**Elevation and Datum**
16-63 Cody Avenue, Queens, NY	---

MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Grayish orangish tan coarse-medium SAND (moist)	20	M-5	Macrocore	48			SB04_20-22 collected from 20-22 ft bgs (VOCs sampled from 20-20.5 ft bgs)
			21						
			22						
		Orangish grayish tan fine SAND, some m-c gravel (wet)	23						
			24						
			25						Bottom of boring at 25 ft bgs
			26						
			27						
			28						
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						
			37						
			38						
			39						
			40						
			41						
			42						
			43						
			44						
			45						

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Log of Boring **SB05** Sheet 1 of 2

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation and Datum: ---
Drilling Company: AARCO Environmental Services Corp.	Date Started: 08/29/2022 / Date Finished: 08/29/2022
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 27 ft / Rock Depth: --
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 6, Undisturbed --, Core --
Casing Diameter (in): -- / Casing Depth (ft): --	Water Level (ft.): First ▽, Completion ▼, 24 HR. ▼
Casing Hammer: -- / Weight (lbs): -- / Drop (in): --	Drilling Foreman: --
Sampler: 1.75" x 5' Long Acetate Lined Macrocore	Field Engineer: Mat Frankel
Sampler Hammer: -- / Weight (lbs): -- / Drop (in): --	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		ASPHALT	0					0.0	Started Drilling at 8/29/2022
		Grayish tannish brown fine-medium SAND, some m-c gravel (moist)	1					0.0	
			2	M-1	Macrocore	48		0.0	SB05_2-3 collected from 2-3 ft bgs (VOCs sampled from 2-2.5 ft bgs)
			3					0.0	
			4					0.0	
			5					0.0	
			6	M-2	Macrocore	36		0.0	Cobble at 6 ft bgs
			7					0.0	
			8					0.0	
			9					0.0	
		Grayish tannish brown fine-medium SAND, some m-c gravel (dry)	10					0.0	
			11					0.0	
			12	M-3	Macrocore	40		0.0	Cobble at 12.5 ft bgs
			13					0.0	
			14					0.0	
		Tannish brown fine-medium SAND (moist)	15					0.0	
			16					0.0	
		Dark orangish tannish brown silty fine SAND, some gravel	17					0.0	
			18	M-4	Macrocore	48		0.0	Gravel layer at 18.75-19 ft bgs
			19					0.0	
			20					0.0	

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Log of Boring **SB05** Sheet 2 of 2

Project	Project No.
16-63 Cody Avenue	101015501
Location	**Elevation and Datum**
16-63 Cody Avenue, Queens, NY	---

MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Alternating dark orangish tannish brown silty fine SAND and coarse GRAVEL layers (moist)	20	M-5	Macrocore	36		0.0	
			21					0.0	
			22					0.0	
			23					0.0	
			24					0.0	
			25					0.0	
			26	M-6	Macrocore	48		0.0	
			27						Refusal at 27 ft bgs
			28						
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						
			37						
			38						
			39						
			40						
			41						
			42						
			43						
			44						
			45						

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Log of Boring **SB06/TMW06** Sheet 1 of 2

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation and Datum: ---
Drilling Company: AARCO Environmental Services Corp.	Date Started: 08/29/2022 / Date Finished: 08/29/2022
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 25 ft / Rock Depth: --
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 5, Undisturbed --, Core --
Casing Diameter (in): -- / Casing Depth (ft): --	Water Level (ft.): First 20, Completion, 24 HR.
Casing Hammer: -- / Weight (lbs): -- / Drop (in): --	Drilling Foreman: --
Sampler: 1.75" x 5' Long Acetate Lined Macrocore	Field Engineer: Mat Frankel
Sampler Hammer: -- / Weight (lbs): -- / Drop (in): --	

Depth Scale	Sample Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Sample Description	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
0					0.0	ASPHALT	Started Drilling at 8/29/2022
1	M-1	Macrocore	36		0.0	Brownish orangish grayish tan medium-fine SAND, some f-m gravel (dry)	
2					0.0		
3					0.0		
4					0.0		
5	M-2	Macrocore	48		0.0	Brownish orangish grayish tan medium-fine SAND, some f-m gravel (moist)	
6					0.0		
7					0.0		
8					0.0		
9					0.0		
10	M-3	Macrocore	48		0.0		
11					0.0		
12					0.0		
13					0.0	Orangish grayish tan medium-fine SAND, trace f-m gravel (moist)	
14					0.0		
15	M-4	Macrocore	48		0.0	Brownish orangish tan medium-coarse SAND, some m-c gravel (moist)	
16					0.0		
17					0.0		
18					0.0		SB06_18-20 collected from 18-20 ft bgs (VOCs sampled from 18-18.5 ft bgs)
19					0.0		
20					0.0		

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Log of Boring **SB06/TMW06** Sheet 2 of 2

Project	Project No.
16-63 Cody Avenue	101015501
Location	**Elevation and Datum**
16-63 Cody Avenue, Queens, NY	---

MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Tannish brown fine SAND, some m-c gravel (wet)	20	M-5	Macrocore	48		0.0	
			21					0.0	
			22					0.0	
			23					0.0	
			24					0.0	
			25					0.0	Bottom of boring at 25 ft bgs
			26						
			27						
			28						
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						
			37						
			38						
			39						
			40						
			41						
			42						
			43						
			44						
			45						

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WELL CONSTRUCTION SUMMARY

Well No. TMW04

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation And Datum: --
Drilling Agency: AARCO Environmental Services Corp.	Date Started: 8/29/2022 / Date Finished: 8/29/2022
Drilling Equipment: Geoprobe 6610 DT	Driller: --
Size And Type of Bit: 2in Stainless Steel Direct Push	Inspector: Mat Frankel

Method of Installation

Direct Push of a 3.75" stainless steel casing to a depth of 30' bgs. 10-foot of Schedule-40, 0.010-inch slotted 2-inch diameter PVC screen was installed from 20-30' bgs.

Method of Well Development

TMW04 was developed using surge pumping techniques across the well screen in 2- to 3-foot increments. After surging, the well was purged via pumping until the water became clear.

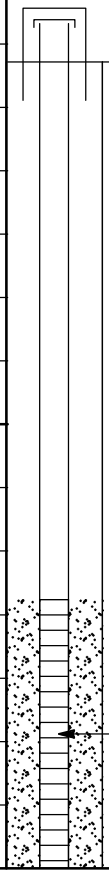
Type of Casing: --	Diameter: --	Type of Backfill Material: --	
Type of Screen: Schedule-40	Diameter: 2-inch	Type of Seal Material: --	
Borehole Diameter: 2-inch		Type of Filter Material: --	

Top of Casing	Elevation	Depth: --
Top of Seal	Elevation	Depth: --
Top of Filter	Elevation	Depth: --
Top of Screen	Elevation	Depth: 20' bgs
Bottom of Filter	Elevation	Depth: --
Bottom of Well	Elevation	Depth: 30' bgs
Screen Length: 10.0'		Slot Size: 1-inch

GROUNDWATER ELEVATIONS (ft)
(Measured from the Top of Casing)

Elevation	DTW	Date

Well Details



Soil / Rock Classification	Depth (ft)
Asphalt	1.5
Sand with some gravel	3.5
SAND	20
Sand with some gravel	30

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WELL CONSTRUCTION SUMMARY

Well No. TMW06

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation And Datum: --
Drilling Agency: AARCO Environmental Services Corp.	Date Started: 8/29/2022 / Date Finished: 8/29/2022
Drilling Equipment: Geoprobe 6610 DT	Driller: --
Size And Type of Bit: 2in Stainless Steel Direct Push	Inspector: Mat Frankel

Method of Installation

Direct Push of a 3.75" stainless steel casing to a depth of 20.5' bgs. 10-foot of Schedule-40, 0.010-inch slotted 2-inch diameter PVC screen was installed from 10.5-20.5' bgs.

Method of Well Development

TMW06 did not have enough water to develop.

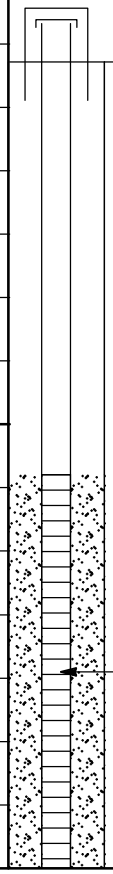
Type of Casing: --	Diameter: --	Type of Backfill Material: --	
Type of Screen: Schedule-40	Diameter: 2-inch	Type of Seal Material: --	
Borehole Diameter: 2-inch		Type of Filter Material: --	

	Elevation	Depth
Top of Casing		--
Top of Seal		--
Top of Filter		--
Top of Screen		10.5' bgs
Bottom of Filter		--
Bottom of Well		20.5' bgs
Screen Length: 10.0'		Slot Size: 1-inch

GROUNDWATER ELEVATIONS (ft)
(Measured from the Top of Casing)

Elevation	DTW	Date

Well Details



Soil / Rock Classification	Depth (ft)
Asphalt	
Sand with some gravel	2.5
	4.5
Sand with some gravel	10.5
	20.5

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Log of Boring **SB07/TWP07**

Project: 16-63 Cody Ave		Project No.: 101015501	
Location: SB07/TWP07		Elevation and Datum:	
Drilling Company: AARCO		Date Started: 10/24/2022	Date Finished: 10/24/2022
Drilling Equipment: Sonic Drill Rig		Completion Depth: 70.0 ft	Rock Depth:
Size and Type of Bit: 4in Carbide Core		Number of Samples: Disturbed -	Undisturbed - / Core -
Casing Diameter (in): 4in	Casing Depth (ft):	Water Level (ft.): First ▽	Completion ▼ / 24 HR. ▼ 60.4
Casing Hammer: ---	Weight (lbs): --- / Drop (in): ---	Drilling Foreman: Daybi Pacheco	
Sampler: Sonic		Field Engineer: Samuel Haines	
Sampler Hammer: ---	Weight (lbs): --- / Drop (in): ---		

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	0.0	[ASPHALT]	0					0	Start Drilling [0]ft @10/24/2022 9:30:00 AM.
		Dark gray medium-coarse SAND with gravel, trace scrap metal, trace silt (dry) [FILL]						0	
		Reddish brown fine SAND, some brick (dry) [FILL]	1					0	Collect SB07_1-3 at 1-3 ft bgs @ 10:10. VOCs collected 1-1.5 bgs.
			2					0	
		Gray fine-coarse SAND with gravel, trace brick, trace silt (dry) [FILL]						0	
			3					0	
		Tan fine-medium SAND, some coarse gravel, trace silt (dry) [SP]						0	
			4					0	
								0	
			5	S-1	Sonic	36		0	Collect SB07_5-7 @ 11:20. Collect VOCs from 5 to 5.5-feet bgs.
								0	
			6					0	
								0	
			7					0	
								0	
			8					0	
								0	
			9					0	
								0	
		Tan fine-coarse SAND (dry) [SW]	10					0	
								0	
			11					0	
								0	
			12					0	
								0	
			13					0	
								0	
			14					0	
								0	
			15	S-2	Sonic	60		0	
								0	
			16					0	
								0	
			17					0	
								0	
			18					0	
								0	
			19					0	
								0	
			20						

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Log of Boring **SB07/TWP07**

Project	Project No.
16-63 Cody Ave	101015501_Old
Location	Elevation and Datum

MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	-20.0	Tan fine-coarse SAND, some fine gravel (SP) [SW]	20					7, 7	
			21					1, 1	
		Grayish tan fine-medium SAND with silt (moist) [SM]	22					0, 0	
			23					4, 4	
		Mottled tan medium-coarse SAND, trace silt (moist) [SP]	24					4, 5	
		Orangish tan fine SAND with silt (moist) [SM]	25	S-3	Sonic	60		5, 5	
		Grayish tan fine-coarse SAND with silt, trace coarse gravel (moist) [SW]	26					5, 5	
			27					5, 2	
			28					2, 2	
			29					2, 2	
		Dark gray fine-medium SAND with silt, some fine gravel (moist) [SP]	30					2, 1	
		Brown fine-coarse SAND, some fine-coarse gravel (dry) [SW]	31					1, 1	
		Dark tan fine-coarse SAND, some fine-coarse gravel, some crushed boulders (dry) [SW]	32					4, 12	
			33					10, 6	
			34					7, 2	
			35	S-4	Sonic	58		0, 0	
			36					0, 0	
			37					0, 0	
			38					0, 0	
			39					0, 0	
		Light tan fine-medium SAND with silt, some fine-coarse gravel (dry) [SP]	40					2, 2	
		Brown fine-coarse SAND, trace fine gravel (dry) [SW]	41					2, 3	
			42					2, 0	
			43	S-5	Sonic			0, 0	
			44					0, 0	
			45			29			

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Log of Boring **SB07/TWP07**

Project	Project No.
16-63 Cody Ave	101015501_Old
Location	**Elevation and Datum**

MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	-45.0		45					0	Install 1in PVC temporary well TWP07 to 70 feet bgs with screen from 50 to 70 feet bgs.
			46					0	
								0	
			47	S-5	Sonic			0	
								0	
			48					0	
								0	
			49					0	
								0	
			50					6	
								12	
			51					9	
		Brown fine-coarse SAND, trace silt, trace fine gravel, trace crushed boulders (dry) [SW]						4	
			52					7	
								5	
			53					2	
								6	
			54					2	
								0	
			55	S-6	Sonic	52		0	
								0	
			56					0	
								0	
			57					0	
								0	
			58					0	
								0	
			59					0	
								0	
			60					0	
		Tannish brown fine-coarse SAND, trace fine gravel, trace silt (wet) [SW]							
			61						
			62						
			63						
			64						
			65	S-7	Sonic	6			
			66						
			67						
			68						
			69						Bottom of boring [70]ft @10/24/2022 11:45:19 AM{}
			70						

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Log of Boring **SB08/TWP08** Sheet 1 of 4

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation and Datum: ---
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/24/2022 / Date Finished: 10/24/2022
Drilling Equipment: Geoprobe Sonic Rig	Completion Depth: 70 ft / Rock Depth: --
Size and Type of Bit: 4in Carbide Core Bit	Number of Samples: Disturbed 7, Undisturbed --, Core --
Casing Diameter (in): 4in / Casing Depth (ft): 40 feet	Water Level (ft.): First 60, Completion --, 24 HR. --
Casing Hammer: -- / Weight (lbs): -- / Drop (in): --	Drilling Foreman: Daybi Pacheco
Sampler: Sonic	Field Engineer: Samuel Haines
Sampler Hammer: -- / Weight (lbs): -- / Drop (in): --	

Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
[ASPHALT]	0						Start drilling 10/24/2022 at 12:26 PM.
Dark gray fine-coarse SAND with silty, some fine gravel (moist) [SP]						1.5	
	1					1.8	
						2.0	
Dark gray fine-coarse SAND with gravel (moist) [SP-G]	2					2.4	
Dark brown fine-medium SAND with silt, some fine gravel (dry) [SM]						1.4	
	3					2.0	
						2.3	
	4					1.9	
						1.9	
	5	S-1	SONIC	43		1.9	Collect SB08_5-7 at 13:30. Collect VOCs from 5 to 5.5 feet bgs.
						1.9	
	6					1.9	
						1.9	
	7					1.9	
						1.9	
	8					1.9	
						1.9	
	9					1.9	
						1.9	
	10					1.2	
Brown fine-coarse SAND with silt, some fine gravel (dry) [SM]						1.5	
	11					2.0	
						10.5	
	12					8.8	
						2.3	
	13					1.3	
						0.8	
	14					0.8	
						0.8	
	15	S-2	SONIC	45		1.2	
						1.2	
	16					1.2	
						1.2	
	17					1.2	
						1.2	
	18					1.2	
						1.2	
	19					1.2	
						1.2	
	20						

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Log of Boring **SB08/TWP08** Sheet 2 of 4

Project	Project No.
16-63 Cody Avenue	101015501
Location	**Elevation and Datum**
16-63 Cody Avenue, Queens, NY	---

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Brown fine-medium SAND with silt, some fine gravel (moist) [SM]	20	S-3	SONIC	70		1.2	
								1.3	
			21					0.8	
								0.3	
			22					0.5	
								2.2	
			23					1.6	
								1.6	
			24					1.9	
								1.0	
			25					7.8	
								0.0	
			26					0.0	
								0.0	
			27					0.0	
								0.0	
			28					0.0	
								0.0	
			29					0.0	
								0.0	
		Brown fine-coarse SAND, trace fine gravel (dry) [SP-G]	30	S-4	SONIC	39		0.6	
								0.5	
			31					0.6	
								0.2	
			32					0.0	
								0.0	
			33					0.3	
								0.3	
			34					0.3	
								0.3	
		Grayish tan medium-coarse SAND, some fine gravel (moist) [SP-G]	35	S-4	SONIC	30		0.0	Install 1in PVC temporary well TWP08 to 35 feet bgs with screen from 15 to 35 feet bgs. Temporary well removed after 30mins.
								0.0	
			36					0.0	
								0.0	
			37					0.0	
								0.0	
			38					0.0	
								0.0	
			39					0.0	
								0.0	
			40					0.0	
								0.0	
			41					0.0	
								0.0	
		Tan medium-coarse SAND, trace silt (moist) [SM]	42					0.0	
								0.0	
			43					0.0	
								0.0	
			44					0.0	
								0.0	
			45						

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Log of Boring **SB08/TWP08** Sheet 3 of 4

Project	Project No.
16-63 Cody Avenue	101015501
Location	**Elevation and Datum**
16-63 Cody Avenue, Queens, NY	---

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			45	S-5	SONIC	60		0.0	
			46					0.0	
			47					0.0	
			48					0.0	
			49					0.0	
			50					0.0	
			51					0.0	Collect SB08_51-53 at 14:45. Collect VOCs from 51 to 51.5 feet bgs.
			52					0.0	
		Tan medium-coarse SAND, trace silt (wet) [SM]	53					0.0	
			54					0.0	
		Orangish tan fine-coarse SAND, trace silt (wet) [SM]	55	S-6	SONIC	30		0.0	
			56					0.0	
			57					0.0	
			58					0.0	
			59					0.0	
		Grayish tan fine-coarse SAND, trace silt, f-c gravel (wet) [SW]	60	S-7	SONIC	48		0.0	
			61					0.0	
			62					0.0	
			63					0.0	
			64					0.0	
		Orangish tan medium-coarse SAND (wet) [SP]	65					0.0	
			66					0.0	
			67					0.0	Install 1in PVC temporary well TWP08 to 70 feet bgs with screen from 45 to 70 feet bgs. Well remains dry for ~24hr period following installation.
			68					0.0	
			69					0.0	
			70					0.0	Bottom of boring [70ft] 10/24/2022 at 14:41.

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Log of Boring **SB09**

Project: 16-63 Cody Ave		Project No.: 101015501	
Location: SB09/TWP09		Elevation and Datum:	
Drilling Company: AARCO		Date Started: 10/26/2022	Date Finished: 10/26/2022
Drilling Equipment: Sonic Drill Rig		Completion Depth: 40.0 ft	Rock Depth: 0.0 ft
Size and Type of Bit: 4in Carbide Core		Number of Samples: Disturbed -	Undisturbed - / Core -
Casing Diameter (in): 4in	Casing Depth (ft):	Water Level (ft.): First	Completion / 24 HR.
Casing Hammer: ---	Weight (lbs): --- / Drop (in): ---	Drilling Foreman: Daybi Pacheco	
Sampler: Sonic		Field Engineer: Samuel Haines	
Sampler Hammer: ---	Weight (lbs): --- / Drop (in): ---		

Elev. (ft)	Sample Description	Depth Scale	Sample Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
0.0	[ASPHALT]	0					0, 0	Start Drilling [0]ft @10/25/2022 12:00:00 PM.
	Grayish brown fine-coarse SAND, trace brick, trace silt, trace fine gravel (dry) [FILL]	1					1, 0	Collect SB09_1-3 at 13:10. VOCs collected 1.0 to 1.5 feet bgs.
	Tan fine-coarse SAND, trace silt, trace fine-coarse gravel (dry) [SW]	2					1, 1	
	Tan fine-medium SAND with silt (dry) [SP]	3					1, 1	Collect SB09_3-5 at 13:40. Collect VOCs from 3.0 to 3.5 feet bgs.
		4					1, 1	
		5	S-1	Sonic	60		1, 1	
		6					1, 1	
		7					1, 2	
		8					1, 1	
		9					1, 1	
	Tan fine-medium SAND, some silt (moist) [SP]	10					2, 2	
		11					2, 2	
		12					0, 0	
		13					0, 0	
		14					0, 0	
		15	S-2	Sonic	60		0, 0	
		16					0, 0	
		17					0, 0	
		18					0, 0	
		19					0, 0	
		20						

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Log of Boring **SB09**

Project	Project No.
16-63 Cody Ave	101015501
Location	**Elevation and Datum**

MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	-20.0	Tan fine to medium to coarse SAND, trace silt, trace fine gravel, Loose (moist) [SW]	20					0	
								0	
			21					0	
								0	
			22					0	
								0	
			23					0	
								0	
			24					0	
								0	
			25	S-3	Sonic	60		0	
								0	
			26					0	
								0	
			27					0	
								0	
			28					0	
								0	
			29					0	
								0	
			30					0	
								0	
			31					1	
								4	
			32					4	
								4	
			33					19	
								18	
			34					0	
								0	
			35	S-4	Sonic	60		0	
								0	
			36					0	
								0	
			37					0	
								0	
			38					0	
								0	
			39					0	
								0	
		End of Boring at 40ft.	40						Bottom of boring [40]ft @10/25/2022 2:00:00 PM.
			41						
			42						
			43						
			44						
			45						

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Log of Boring **SB10/TWP10** Sheet 1 of 4

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation and Datum: ---
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/25/2022 / Date Finished: 10/25/2022
Drilling Equipment: Geoprobe Sonic Rig	Completion Depth: 70 ft / Rock Depth: --
Size and Type of Bit: 4in Carbide Core Bit	Number of Samples: Disturbed 7, Undisturbed --, Core --
Casing Diameter (in): 4in / Casing Depth (ft): --	Water Level (ft.): First ▽ 66, Completion ▼ --, 24 HR. ▼ --
Casing Hammer: -- / Weight (lbs): -- / Drop (in): --	Drilling Foreman: Daybi Pacheco
Sampler: Sonic	Field Engineer: Samuel Haines
Sampler Hammer: -- / Weight (lbs): -- / Drop (in): --	

Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)
[CONCRETE]	0					0.5
Dark grayish brown fine-medium SAND, some silt, trace fine gravel (dry) [SP]						0.5
	1					0.6
						0.6
Brown fine-medium SAND with silt, some f-c gravel (dry) [SP]	2					0.5
						0.6
	3					0.5
						0.5
	4					0.5
						95
	5	S-1	SONIC	50		0.6
						1.1
	6					0.1
						0.0
	7					1.4
Brown fine-coarse SAND with gravel, trace silt (dry) [SW]						1.6
	8					0.7
						2.2
	9					3.6
						0.8
Tan fine-coarse GRAVEL, some f-c sand (dry) [GW]	10					0.1
						0.2
Tan fine-coarse SAND, some f-c gravel, trace silt (dry) [SW]	11					0.1
						0.1
	12					0.1
						0.0
	13					0.0
						0.0
	14					0.0
						0.0
	15	S-2	SONIC	50		0.0
						0.0
	16					0.0
						0.0
	17					0.0
						0.0
	18					0.0
						0.0
	19					0.0
						0.0
	20					

Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)

Started Drilling at 10/25/2022 8:00 AM.

Collect SB10_0.5-2.5 at 8:50. Collect VOCs from 0.5 to 1.0 feet bgs.

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Log of Boring **SB10/TWP10** Sheet 2 of 4

Project	Project No.
16-63 Cody Avenue	101015501
Location	**Elevation and Datum**
16-63 Cody Avenue, Queens, NY	---

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Tannish brown fine-medium SAND with silt, trace f-c gravel (moist) [SM]	20					0.5	
								0.5	
			21					0.3	
								0.3	
			22					1.0	
								1.0	
			23					1.3	
								1.4	
			24					3.1	
								3.1	
			25		SONIC	60		3.5	
								3.5	
			26					3.6	
				S-3				3.6	
			27					2.2	
								2.1	
			28					2.2	
								2.0	
		Grayish tan fine-medium SAND with silt, trace fine gravel (moist) [SM]	29					2.0	
								2.0	
		Brown medium-coarse SAND, some f-c gravel (moist) [SP]	30					0.1	
								0.2	
			31					0.1	
								0.0	
			32					0.0	
		Grayish brown fine-medium SAND with silt, trace fine gravel (moist) [SM]						0.0	
			33					0.0	
								0.0	
			34					0.0	
		Brown medium-coarse SAND, trace silt, trace f-m gravel (moist) [SP]						0.0	
			35	S-4	SONIC	60		0.0	
								0.0	
			36					0.0	
								0.0	
			37					0.0	
								0.0	
			38					0.0	
								0.0	
			39					0.0	
								0.0	
			40					5.0	
		Tan fine-medium SAND with silt, trace fine gravel (moist) [SP]						5.5	
			41					8.1	
								8.0	
			42	S-5	SONIC	60		10.0	
								10.0	
		[COBBLES]	43					0.0	
		Brown medium-coarse SAND, some f-m gravel, trace silt (dry) [SP]						0.0	
			44					23.7	
								23.7	
			45						

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Log of Boring **SB10/TWP10** Sheet 3 of 4

Project	Project No.
16-63 Cody Avenue	101015501
Location	**Elevation and Datum**
16-63 Cody Avenue, Queens, NY	---

Depth Scale	Sample Description	Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
45						21.8	
						23.8	
46						24.7	
						20.8	
47						22.5	
		S-5	SONIC	60		22.8	
48						24.7	
						17.5	
49						8.0	
						5.0	
50	Orangish brown fine-coarse SAND, trace silt, trace fine gravel (moist) [SW]					1.2	Install 1in PVC temporary well TWP10 to 70 feet bgs with screen from 50 to 70 feet bgs.
						1.2	
51						3.7	
						3.0	
52						3.8	
						6.7	
53						7.2	
						10.5	
54						10.5	
						11.0	
55		S-6	SONIC	60		13.8	
						8.5	
56						8.5	
						6.0	
57						6.2	
						5.4	
58						5.4	
						5.8	
59						4.9	
						4.5	
60						47.6	Odors observed from 60 to 70 feet bgs.
						90.5	
61						56.8	
						60.5	
62						60.5	
						61	
63						61	
						1100	
64						1100	
						1100	
65		S-7	SONIC	60		1500	Collect SB10_65-67 at 10:40. Collect VOCS from 65 to 65.5 feet bgs.
						1500	
66	Dark gray fine-coarse SAND, trace silt, trace fine gravel (wet) [SW]					2060	
						2050	
67						1370	
						1350	
68	Tan medium-coarse SAND, trace silt (wet) [SP]					675	
						520	
69						15.6	
						14.8	Bottom of boring at 10/25/2022 10:48 AM.
70							

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Log of Boring **SB11/TWP11** Sheet 1 of 4

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation and Datum: ---
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/24/2022 / Date Finished: 10/25/2022
Drilling Equipment: Acker Kodiak	Completion Depth: 70 ft / Rock Depth: --
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 28, Undisturbed --, Core --
Casing Diameter (in): 3in / Casing Depth (ft): 40 feet	Water Level (ft.): First 60, Completion, 24 HR.
Casing Hammer: -- / Weight (lbs): -- / Drop (in): --	Drilling Foreman: Julio Galarza
Sampler: 2-inch-diameter split spoon; Macrocore	Field Engineer: Dom Livoti
Sampler Hammer: Donut / Weight (lbs): 140lbs / Drop (in): 30inches	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		[CONCRETE]	0						Started Drilling 10/24/2022 at 13:30.
		Grayish brown fine-coarse SAND, trace fine gravel, concrete debris (dry)[FILL]	1	SS-1	SS	24		0.0, 0.0, 0.0	
			2					0.0	Collect SB11_2-4 at 10/24/2022 at 13:55. VOCs collected from 2.0 to 2.5' bgs.
			3	SS-2	SS	5		0.0, 0.0, 0.0	
		Grayish brown fine-coarse SAND, trace fine gravel, concrete debris (dry)[FILL]	4					0.0	
			5	SS-3	SS	8		0.0, 0.0, 0.0	
		Dark gray fine-coarse SAND and GRAVEL, trace concrete (wet)[FILL]	6					0.0	
			7	SS-4	SS	4		0.0, 0.0, 0.0	
		No Recovery	8						Very hard drilling 0-8'. Boulder 8-10', roller bit used. Drilling with fluid.
			9	SS-5	SS	0			
		Dark gray gravelly fine-coarse SAND, trace silt (wet)[FILL]	10					0.0	
		Dark brown fine-medium SAND, trace silt (wet) [SP]	11	SS-6	SS	20		0.0, 0.0, 0.0	
		Dark gray fine-coarse SAND with gravel, trace silt (wet) [SW]	12					0.0	Collect SB11_10-12 at 10/25/2022 at 08:10.
			13	SS-7	SS	24		0.0, 0.0, 0.0	
		Dark brown fine-medium SAND, trace silt (wet) [SP]	14					0.0	
		Dark brown fine SAND, trace silt (moist)[SP]	15	SS-8	SS	12		0.0, 0.0, 0.0	
		Dark brown fine-coarse SAND with silt, trace fine gravel (wet) [SW]	16	SS-9	SS	4		0.0, 0.0	
		No Recovery	17						Boulder encoutnered at approximately 17- 22 feet bgs.
			18	SS-10	SS	0			
			19						
			20						

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Log of Boring **SB11/TWP11** Sheet 2 of 4

Project	Project No.
16-63 Cody Avenue	101015501
Location	**Elevation and Datum**
16-63 Cody Avenue, Queens, NY	---

Depth Scale	Sample Description	Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
20							
21		SS-10	SS	0			
22	Light brown fine-coarse SAND with silt, some fine gravel (wet)[SW]	SS-11	SS	4		0.0 0.0	
23	No Recovery	SS-12	SS	0			Roller bit to 24' bgs, boulder obstruction.
24	Dark brown fine-coarse SAND with gravel, some fine gravel (moist)[SW]	M-14	MACROCORE	17		0.0 0.0	
25	Brown fine-coarse SAND with silt, trace fine gravel (dry) [SW]					0.0 0.0	
26						0.0 0.0	
27						0.0 0.0	
28						0.0 0.0	
29	No Recovery	SS-14	SS	0			Roller bit to 30' bgs.
30	No Recovery	M-15	MACROCORE	0			
31							
32							
33							
34							
35	Dark brown fine-coarse SAND (wet) [SW]	SS-16	SS	10		0.0 0.0	
36						0.0 0.0	
37	No Recovery	SS-17	SS	0			
38							
39							
40	Brown fine-coarse SAND (wet) [SW]	SS-18	SS	7		0.0 0.0	
41						0.0 0.0	
42	No Recovery	SS-20	SS	0			
43							
44							Roller bit to 45' bgs.
45							

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Log of Boring **SB11/TWP11** Sheet 3 of 4

Project	Project No.
16-63 Cody Avenue	101015501
Location	**Elevation and Datum**
16-63 Cody Avenue, Queens, NY	---

Depth Scale	Sample Description	Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
45–47	Brown fine-coarse SAND (wet) [SW]	SS-19	SS	11		0.0, 0.0, 0.0	
47–50	No Recovery	SS-21	SS	0			
50–55	No Recovery	M-22	Macrocore	0			
55–60	No Recovery	M-23	Macrocore	0			Very hard drilling, roller bit to 60' bgs.
60–62	Dark brown fine-coarse SAND, trace silt (wet) [SW]	SS-24	SS	21		0.0, 0.0, 0.0, 0.0	
62–64	Dark brown fine-coarse SAND, trace silt (wet) [SW]	SS-25	SS	24		0.0, 0.0, 0.0, 0.0	
64–65	No Recovery	SS-26	SS	0			
65–67	Dark brown fine-coarse SAND with gravel (wet)[SW]	SS-27	SS	22		0.0, 0.0, 0.0, 0.0	Roller bit to 65' bgs.
67–70	No Recovery	SS-28	SS	0			Difficult drilling, roller bit to 70' bgs. Bottom of boring 2022/26/2022 at 14:00. Install TWP-11 with screen from 50 to 70 feet bgs. See well construction log for more details.

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Log of Boring **SB12/TWP12**

Project: 16-63 Cody Ave		Project No.: 101015501	
Location: SB12/TWP12		Elevation and Datum	
Drilling Company: AARCO		Date Started: 10/27/2022	Date Finished: 10/31/2022
Drilling Equipment: Acker		Completion Depth: 39.0 ft	Rock Depth: 0.0 ft
Size and Type of Bit: 2in Direct Push		Number of Samples: Disturbed 3	Undisturbed - / Core -
Casing Diameter (in): 2in	Casing Depth (ft)	Water Level (ft.): First	Completion / 24 HR.
Casing Hammer: ---	Weight (lbs) / Drop (in): ---	Drilling Foreman: Julio Galarza	
Sampler: Macrocore / Split Spoon		Field Engineer: Samuel Haines	
Sampler Hammer: ---	Weight (lbs) / Drop (in): ---		

Material Symbol	Elev. (ft) 0.0	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			0						Driller driving SB12 boring from warehouse floor (sidewalk level) through open hatch and down to basement floor (8 feet below sidewalk).
			1						
			2						
			3						
			4						
			5						
			6						
			7						
			8						Start Drilling [8]ft @10/27/2022 11:35:00 AM{}
		Light brown fine SAND, trace silt (dry) [SP]	9					0	Collect SB12_9-11 @ 11:55. Collect VOCs 9.0-9.5 ft bsl.
			10	M-1	Macrocore	12		0	Stop drilling for the day [10]ft @10/27/2022 1:27:35 PM. Resume drilling 10/28/2022 7:00 AM.
			11					0	
			12					0	
			13					0	
		Dark gray fine-medium SAND, trace brick, trace fine gravel, trace silt (dry) [FILL]	14					0	
			15	M-2	Macrocore	14		90	Collect SB12_15-17 @ 13:30. VOCs from 15.0-17.0 ft bsl.
		Orangish brown fine SAND, trace silt (dry) [SP]	16					289	
			17					140	
			18					156	
		No Recovery	19					126	
			20					91	

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Log of Boring **SB12/TWP12**

Project	Project No.
16-63 Cody Ave	101015501
Location	**Elevation and Datum**

Elev. (ft)	Sample Description	Sample Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
-20.0							
		M-3	Macrocore	0		0	
						0	
						0	
						0	
						0	
						0	
	Light brown fine-medium SAND with silt, trace fine gravel (moist) [SM]					0	Collect SB12_23-25 @ 9:10. Collect VOCs 23.0-23.5 ft bsl.
						0	
						0	
						0	
		M-4	Macrocore	14		0	
						0	
						0	
						0	
						0	
	Brown fine-medium SAND with silt, trace fine gravel (moist) [SM]		SS	10		414	
						414	
		S-1				414	
						414	
			SS	17		25	
						25	
		S-2				25	
						25	
	Brown fine SAND with silt, trace fine gravel (wet) [SP-SM]					327	
						68	
						37	
						62	
						50	
		M-5	Macrocore	18		53	
						79	
						55	
						48	
						49	
	Brown fine SAND with silt, trace fine gravel (wet) [SP-SM]					12	
						0	
		S-3	SS	10		0	
						0	
	End of Boring at 39ft.						Bottom of boring [39]ft @10/28/2022 11:28:28 AM{}Odor.

Depth Scale: 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45

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Log of Boring **SB13/TWP13** Sheet 1 of 2

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation and Datum: ---
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/27/2022 / Date Finished: 10/27/2022
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 40 ft / Rock Depth: --
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 8, Undisturbed --, Core --
Casing Diameter (in): 2in / Casing Depth (ft): --	Water Level (ft.): First -- / Completion -- / 24 HR. --
Casing Hammer: -- / Weight (lbs): -- / Drop (in): --	Drilling Foreman: Julio Galarza
Sampler: 1.75" x 5' Long Acetate Lined Macrocore	Field Engineer: Samuel Haines
Sampler Hammer: -- / Weight (lbs): -- / Drop (in): --	

Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
[CONCRETE]	0						Started Drilling 10/27/2022 at 8:00 AM. Collect SB13_0.5-2.5 at 8:30 AM. Collect VOCs from 0.5 to 1.0 feet bgs.
Dark gray fine-medium SAND, trace brick, trace fine gravel (dry) [FILL]	1	M-1	MACROCORE	14		1.5, 1.8, 202	
	2					2.4	
Dark brown fine-medium SAND, trace brick, trace fine gravel (dry) [FILL]	3					1.4, 2.0, 2.3	
	4					1.9, 1.9	
Dark brown fine-medium SAND, trace silt, trace brick, trace glass (dry) [FILL]	5	M-2	MACROCORE	36		1.9, 1.9	
	6					1.9, 1.9	
Tannish-brown fine-medium SAND with silt (dry) [SP-SM]	7					1.9, 1.9	
	8					1.9, 1.9	
	9					1.9, 1.9	
Brown fine-medium SAND with silt, trace fine gravel (dry) [SM]	10	M-3	MACROCORE	41		1.2, 1.5	Collect SB13_7.5-9.5 at 9:00 AM. Collect VOCs from 7.5 to 8.0 feet bgs.
	11					2.0, 10.5	
	12					8.8, 2.3	
	13					1.3, 0.8	
	14					0.8, 0.8	
Brown fine-medium SAND, some f-c gravel (moist) [SP]	15	M-4	MACROCORE	38		1.2, 1.2	
	16					1.2, 1.2	
	17					1.2, 1.2	
	18					1.2, 1.2	
	19					1.2, 1.2	
	20						

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Log of Boring **SB13/TWP13** Sheet 2 of 2

Project	Project No.
16-63 Cody Avenue	101015501
Location	**Elevation and Datum**
16-63 Cody Avenue, Queens, NY	---

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Tannish brown SAND with silt, trace gravel (moist) [SP-SM]	20	M-5	MACROCORE	60		1.2	
								1.3	
			21					0.8	
								0.3	
			22					0.5	
								2.2	
			23					1.6	
								1.6	
			24					1.9	
								1.0	
			25	M-6	MACROCORE	42		7.8	
								0.0	
			26					0.0	
								0.0	
			27					0.0	
								0.0	
			28					0.0	
								0.0	
			29					0.0	
								0.0	
		Tannish brown fine SAND with silt, trace gravel (moist) [SP-SM-G]	30	M-7	MACROCORE	41		0.6	Refusal encountered at 30 feet bgs. Boulder observed in macrocore.
								0.5	
			31					0.6	
								0.2	
			32					0.0	
								0.0	
			33					0.3	
		Mottled tan medium-fine SAND, some gravel, trace silt (moist) [SP-SM-G]						0.3	
			34					0.3	
								0.3	
		Tannish brown fine SAND with silt, trace gravel (moist) [SM]	35	M-8	MACROCORE	45		0.0	
								0.0	
			36					0.0	
								0.0	
			37					0.0	
								0.0	
			38					0.0	
								0.0	
			39					0.0	
								0.0	
			40					0.0	Bottom of boring [40ft] at 10/27/2022 at 10:26 AM.
			41						
			42						
			43						
			44						
			45						

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WELL CONSTRUCTION SUMMARY

Well No. TWP07

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation And Datum: --
Drilling Agency: AARCO Environmental Services Corp.	Date Started: 10/24/2022 / Date Finished: 10/24/2022
Drilling Equipment: Geoprobe Sonic Rig	Driller: Daybi Pacheco
Size And Type of Bit: 4in Carbide Core	Inspector: Samuel Haines

Method of Installation
4" diameter boring completed to 70 feet bgs using Sonic drilling methods. Install 20' of 1" Schedule 40 20-slot PVC screen 50- to 70-feet bgs. 50' of riser installed.

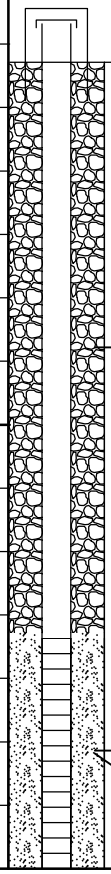
Method of Well Development
TWP07 was developed using a whale pump until the water ran clear. Approximately 30 gallons removed.

Type of Casing: Stainless Steel	Diameter: 4-inch	Type of Backfill Material: Non-impacted cuttings	
Type of Screen: Schedule-40 PVC	Diameter: 1-inch	Type of Seal Material: Bentonite and Grout	
Borehole Diameter: 4-inch		Type of Filter Material: No. 2 Sand	

	Elevation	Depth
Top of Casing		0' bgs
Top of Seal		
Top of Filter		49.5' bgs
Top of Screen		50' bgs
Bottom of Filter		70' bgs
Bottom of Well		70' bgs
Screen Length: 20.0'		Slot Size: 20-slot

GROUNDWATER ELEVATIONS (ft)
(Measured from the Top of Casing)

Elevation	DTW	Date



Well Details	Soil / Rock Classification	Depth (ft)
	Fill	3.5
	Sand	70

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WELL CONSTRUCTION SUMMARY

Well No. TWP08

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation And Datum: --
Drilling Agency: AARCO Environmental Services Corp.	Date Started: 10/24/2022 / Date Finished: 10/24/2022
Drilling Equipment: Geoprobe Sonic Rig	Driller: Daybi Pacheco
Size And Type of Bit: 4in Carbide Core	Inspector: Samuel Haines

Method of Installation

4" diameter boring completed to 70 feet bgs using Sonic drilling methods. Install 20' of 1" Schedule 40 20-slot PVC screen 45- to 70-feet bgs. 50' of riser installed. Temporary well TWP08 pulled up to 40 feet bgs with screen 15 to 40 feet bgs. Temporary well dry after ~24hrs.

Method of Well Development

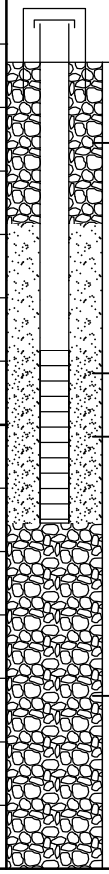
TWP-8 was not developed.

Type of Casing: Stainless Steel	Diameter: 4-imch	Type of Backfill Material: Non-impacted cuttings	
Type of Screen: Schedule-40 PVC	Diameter: 1-inch	Type of Seal Material: Bentonite and Grout	
Borehole Diameter: 4-inch		Type of Filter Material: No. 2 Sand	

	Elevation	Depth
Top of Casing		0' bgs
Top of Seal		
Top of Filter		14' bgs
Top of Screen		25' bgs
Bottom of Filter		40' bgs
Bottom of Well		40' bgs
Screen Length: 15.0'		Slot Size: 20-slot

GROUNDWATER ELEVATIONS (ft)
(Measured from the Top of Casing)

Elevation	DTW	Date



Well Details	Soil / Rock Classification	Depth (ft)
	Asphalt	0.35
	Sand	
		70

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LANGAN

WELL CONSTRUCTION SUMMARY

Well No. TWP10

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation And Datum: --
Drilling Agency: AARCO Environmental Services Corp.	Date Started: 10/25/2022 / Date Finished: 10/25/2022
Drilling Equipment: Geoprobe Sonic Rig	Driller: Daybi Pacheco
Size And Type of Bit: 4in Carbide Core	Inspector: Samuel Haines

Method of Installation
4" diameter boring completed to 70 feet bgs using Sonic drilling methods. Install 20' of 1" Schedule 40 20-slot PVC screen 50- to 70-feet bgs. 50' of riser installed.

Method of Well Development
TWP10 was not developed.

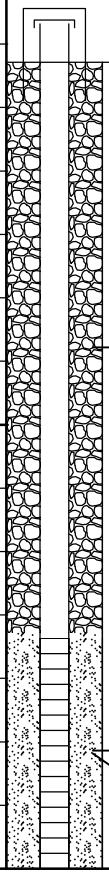
Type of Casing: --	Diameter: 4-inch	Type of Backfill Material: Non-impacted cuttings	
Type of Screen: Schedule-40 PVC	Diameter: 1-inch	Type of Seal Material: Bentonite	
Borehole Diameter: 4-inch		Type of Filter Material: No. 2 Sand	

	Elevation	Depth
Top of Casing		0' bgs
Top of Seal		
Top of Filter		49.5' bgs
Top of Screen		50' bgs
Bottom of Filter		70' bgs
Bottom of Well		70' bgs
Screen Length: 20.0'		Slot Size: 20-slot

GROUNDWATER ELEVATIONS (ft)
(Measured from the Top of Casing)

Elevation	DTW	Date

Well Details



Soil / Rock Classification	Depth (ft)
Concrete	0.25
Sand	
USCS Poorly-graded Sand	70

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LANGAN

WELL CONSTRUCTION SUMMARY

Well No. TWP11

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation And Datum:
Drilling Agency: AARCO Environmental Services Corp.	Date Started: 10/24/2022 / Date Finished: 10/26/2022
Drilling Equipment: Acker Kodiak	Driller: Julio Galarza
Size And Type of Bit: 2in Stainless Steel	Inspector: Dom Livoti

Method of Installation
Direct push of a 2" casing and roller bit drilling to 70' bgs. Install 20' of 2" Schedule 40 20-slot PVC screen 50- to 70-feet bgs. 50' of riser installed.

Method of Well Development
TWP11 developed using a whale pump until the water ran clear. Approximately 30 gallons removed.

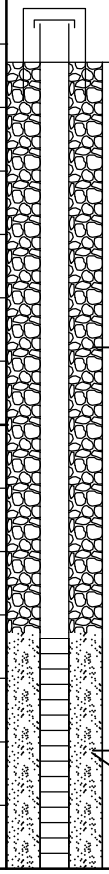
Type of Casing: --	Diameter: 3-inch	Type of Backfill Material: Non-impacted cuttings	
Type of Screen: Schedule-40	Diameter: 2-inch	Type of Seal Material: Bentonite and Grout	
Borehole Diameter: 3-inch		Type of Filter Material: No. 2 Sand	

	Elevation	Depth
Top of Casing		0' bgs
Top of Seal		
Top of Filter		49.5' bgs
Top of Screen		50' bgs
Bottom of Filter		
Bottom of Well		70' bgs
Screen Length: 20.0'		Slot Size: 20-slot

GROUNDWATER ELEVATIONS (ft)
(Measured from the Top of Casing)

Elevation	DTW	Date

Well Details



Soil / Rock Classification	Depth (ft)
Concrete	0.5
Fill	11.0
Sand	70

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LANGAN

WELL CONSTRUCTION SUMMARY

Well No. TWP12

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation And Datum: --
Drilling Agency: AARCO Environmental Services Corp.	Date Started: 10/27/2022 / Date Finished: 10/28/2022
Drilling Equipment: Acker Kodiak	Driller: Julio Galarza
Size And Type of Bit: 2in Stainless Steel	Inspector: Samuel Haines

Method of Installation
Direct push of a 2" casing and roller bit drilling to 39' bgs. Install 20' of 2" Schedule 40 20-slot PVC screen 19- to 39-feet bgs. 19' of riser installed.

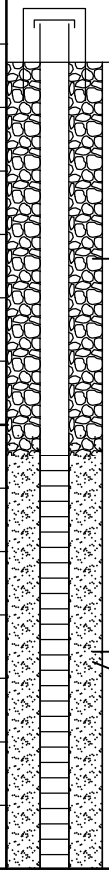
Method of Well Development
TWP12 was not developed.

Type of Casing: Stainless Steel	Diameter: 2-inch	Type of Backfill Material: Non-impacted cuttings	
Type of Screen: Schedule-40 PVC	Diameter: 1-inch	Type of Seal Material: Bentonite and Grout	
Borehole Diameter: 2-inch		Type of Filter Material: No. 2 Sand	

	Elevation	Depth
Top of Casing		0' bgs
Top of Seal		
Top of Filter		18' bgs
Top of Screen		19' bgs
Bottom of Filter		39' bgs
Bottom of Well		39' bgs
Screen Length: 20.0'		Slot Size: 20-slot

GROUNDWATER ELEVATIONS (ft)
(Measured from the Top of Casing)

Elevation	DTW	Date



Soil / Rock Classification	Depth (ft)
Sand	8
Fill	13
Sand	15.5
	39

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LANGAN

WELL CONSTRUCTION SUMMARY

Well No. TWP13

Project: 16-63 Cody Avenue	Project No.: 101015501
Location: 16-63 Cody Avenue, Queens, NY	Elevation And Datum: --
Drilling Agency: AARCO Environmental Services Corp.	Date Started: 10/27/2022 / Date Finished: 10/27/2022
Drilling Equipment: Geoprobe 7822 DT	Driller: Julio Galarza
Size And Type of Bit: 2in Stainless Steel	Inspector: Samuel haines

Method of Installation
Direct push of a 2in diameter steel casing to 40 feet bgs using a Geoprobe 7822DT drilling rig. 1in schedule 40 PVC well installed with a 0.0020in slot screen from 25 to 40 feet bgs. No. 2 sand backfilled to ~1ft above the screen followed by non-impacted drilling cuttings to ground surface.

Method of Well Development
TWP-13 was not developed.

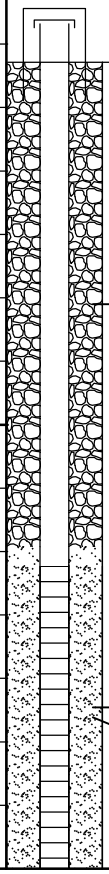
Type of Casing: Stainless Steel	Diameter: 2-inch	Type of Backfill Material: Non-impacted cuttings	
Type of Screen: Schedule-40	Diameter: 1-inch	Type of Seal Material: Bentonite and Grout	
Borehole Diameter: 2-inch		Type of Filter Material: No. 2 Sand	

	Elevation	Depth
Top of Casing		0' bgs
Top of Seal		
Top of Filter		19' bgs
Top of Screen		20' bgs
Bottom of Filter		40' bgs
Bottom of Well		40' bgs
Screen Length: 20'		Slot Size: 20-slot

GROUNDWATER ELEVATIONS (ft)
(Measured from the Top of Casing)

Elevation	DTW	Date

Well Details



Soil / Rock Classification	Depth (ft)
Concrete	0.25
Fill	
USCS Silty Sand	7.5
USCS Poorly-graded Sand	15
USCS Silty Sand	20
Sand with some silt and gravel	30
USCS Silty Sand	35
	40

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ATTACHMENT B

Field Sampling Logs

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	16-63 Cody Ave	**Well No:**	TMW04	**Water Quality Device Model:**	Horiba U52/U53	**Weather:**	84F, mostly sunny	**Sample(s):**	TMW04
Project Number:	101015501	**Well Depth:**	30	**Pine Number:**	44027	**Background PID (ppm):**	0.0		
Site Location:	16-63 Cody Ave	**Well Diameter:**	1	**Pump Make and Model:**	Peristaltic Pump	**PID Beneath Inner Cap (ppm):**	0		
Sampling Personnel:	Mat Frankel	**Well Screen Interval:**	20	**Pine Number:**	8633	**Pump Intake Depth:**	30.00	**Sample Date:**	6/29/2022
			30	**Tubing Diameter:**	1/4" ID	**Depth to Water Before Purge:**	18.81	**Sample Time:**	11:35

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
11:05										Begin purge	**N/A**
11:10	22.86	5.99	136	0.418	295.0	4.07	-	0.12	0.6	obe does not fit in T	**N/A**
11:15											**N**
11:20	19.73	6.05	153	0.418	16.7	5.40	-	0.34	1.7		**N**
11:25	19.57	6.01	159	0.417	16.3	5.45	-	0.06	2		**N**
11:30	19.82	6.09	161	0.418	17.2	5.41	-	0.06	2.3		**Y**
11:35										Sample taken	**N**
11:40											**N**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	16-63 Cody Ave	**Well No:**	TMW06	**Water Quality Device Model:**	Horiba U52/U53	**Weather:**	84F, mostly sunny	**Sample(s):**	TMW06
Project Number:	101015501	**Well Depth:**	20.5	**Pine Number:**	44027	**Background PID (ppm):**	0.0		
Site Location:	16-63 Cody Ave	**Well Diameter:**	1	**Pump Make and Model:**	Peristaltic Pump	**PID Beneath Inner Cap (ppm):**	0		
Sampling Personnel:	Mat Frankel	**Well Screen Interval:**	10.5	**Pine Number:**	8633	**Pump Intake Depth:**	20.50	**Sample Date:**	6/29/2022
			20.5	**Tubing Diameter:**	1/4" ID	**Depth to Water Before Purge:**	18	**Sample Time:**	14:00

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
13:50								Begin purge; not enough water in water column			**N/A**
13:55											**N/A**
14:00										Bailing sample	**N**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

LOW FLOW SAMPLING FIELD PARAMETER MEASUREMENTS

Project:	16-63 Cody Ave	**Site Location:**	Queens, NY	**Well No:**	TWP07	**Date:**	10/28/2022
Job Number:	101015501	**Weather:**	51F Partly Cloudy	**Sampler(s):**	MY		
Initial DTW (ft):	60.05	**Well Depth (ft):**	70	**Pump Depth (ft):**	65		
Background PID (ppm):	0.00	**Well PID (ppm):**	0	**Screen Interval (ft):**	50-70		
Water Quality Meter:	Horiba U52	**Water Quality Meter ID:**	CGFX	**Well Diameter (in):**	1inch		

TIME	TEMP. °C	pH (std. Units)	ORP (mV)	COND. (mS/cm)	Turbidity (NTU)	DO (mg/L)	DTW (ft)	Q (mL/m)	COLOR?	ODOR?	NOTES	STABILIZED?
11:20	12.44	5.21	---	0.451	1000	0.19	60.05	50	tan	no	Begin Purging	---
11:25	15.07	5.50	-488.0	0.333	1000	0.08	60.43	50	tan	no		---
11:30	15.05	5.56	-493.0	0.327	1000	0.07	60.65	50	tan	no		---
11:35	15.00	5.60	-491.0	0.306	1000	0.00	60.60	50	tan	no		N
11:40	15.58	5.49	-479.0	0.310	1000	0.00	60.63	50	tan	no		N
11:45	15.83	5.33	-470.0	0.301	1000	0.00	60.07	50	tan	no		N
11:50	15.92	5.25	-463.0	0.290	1000	0.00	60.60	50	tan	no		N
11:55	15.81	5.23	-465.0	0.282	1000	0.00	60.71	50	tan	no		N
12:00	16.05	5.17	-453.0	0.292	1000	0.00	60.55	50	tan	no		N
12:05	16.07	5.17	-452.0	0.283	1000	0.00	60.58	50	tan	no		N
12:10	16.08	5.15	-448.0	0.272	847.0	0.00	60.47	50	clear	no		N
12:15	16.08	5.15	-449.0	0.271	591.0	0.00	60.53	50	clear	no		N
12:20	16.10	5.14	-440.0	0.269	459.0	0.00	60.68	50	clear	no		N
12:25	16.17	5.13	-440.0	0.269	305.0	0.00	60.71	50	clear	no	Begin Sampling	Y
	+/- 3%	+/- 0.1 pH	+/- 10 mV	+/- 3%	+/- 10 NTU	+/- 10%	<0.3' drawdown					

Notes:

Sample Number:	TWP07_20221028	Sample Time:	12:30	Sample Analyses:	VOCs, SVOCs, Total + Dissolved Metals
QA/QC Sample Number:	---	QA/QC Sample Time:	---	QA/QC Sample Analyses:	---

LANGAN

LOW FLOW SAMPLING FIELD PARAMETER MEASUREMENTS

Project:	16-63 Cody Ave	**Site Location:**	Queens, NY	**Well No:**	TWP10	**Date:**	10/28/2022
Job Number:	101015501	**Weather:**	51 partly cloudy	**Sampler(s):**	MY		
Initial DTW (ft):	60.65	**Well Depth (ft):**	70	**Pump Depth (ft):**	65		
Background PID (ppm):	0.00	**Well PID (ppm):**	0	**Screen Interval (ft):**	50-70		
Water Quality Meter:	Horiba U52	**Water Quality Meter ID:**	CGFX	**Well Diameter (in):**	1inch		

TIME	TEMP. °C	pH (std. Units)	ORP (mV)	COND. (mS/cm)	Turbidity (NTU)	DO (mg/L)	DTW (ft)	Q (mL/m)	COLOR?	ODOR?	NOTES	STABILIZED?
13:50	16.16	6.85	-189.0	0.360	500.00	2.90	59.85	50	Clear	No Odor	Begin Purging	---
13:55	16.08	6.75	-145.0	0.375	489.0	2.35	59.85	50	Clear	No Odor		---
14:00	16.07	6.75	-132.0	0.390	302.0	2.27	59.55	50	Clear	No Odor		---
14:05	15.92	6.74	-180.0	0.396	266.0	2.15	59.85	50	Clear	No Odor		N
14:10	15.96	6.73	-170.0	0.406	404.0	1.86	60.03	50	Clear	No Odor		N
14:15	16.19	6.73	-176.0	0.411	393.0	3.21	59.86	50	Clear	No Odor		N
14:20	16.36	6.72	-237.0	0.413	311.0	2.58	59.89	50	Clear	No Odor		N
14:25	16.44	6.71	-289.0	0.416	283.0	2.05	59.88	50	Clear	No Odor		N
14:30	16.54	6.70	-345.0	0.425	251.0	1.62	59.93	50	Clear	No Odor		N
14:35	16.62	6.70	-330.0	0.436	218.0	1.56	59.85	50	Clear	No Odor		N
14:40	16.64	6.70	-332.0	0.441	203.0	1.50	59.86	50	Clear	No Odor		N
14:45	16.65	6.68	-332.0	0.452	182.0	1.76	59.89	50	Clear	No Odor		N
14:50	16.67	6.68	-316.0	0.455	173.0	1.39	59.85	50	Clear	No Odor	Begin Sampling	Y
	+/- 3%	+/- 0.1 pH	+/- 10 mV	+/- 3%	+/- 10 NTU	+/- 10%	<0.3' drawdown					

Notes:

Sample Number:	TWP10_20221028	Sample Time:	14:30	Sample Analyses:	VOCs, SVOCs, Total + Dissolved Metals
QA/QC Sample Number:	TWP_DUP	QA/QC Sample Time:	14:40	QA/QC Sample Analyses:	VOCs, SVOCs, Total + Dissolved Metals

LANGAN

LOW FLOW SAMPLING FIELD PARAMETER MEASUREMENTS

Project:	16-63 Cody Ave	**Site Location:**	Queens, NY	**Well No:**	TWP-11	**Date:**	10/27/2022
Job Number:	101015501	**Weather:**	65F Sunny	**Sampler(s):**	MY		
Initial DTW (ft):	40.00	**Well Depth (ft):**	70ft	**Pump Depth (ft):**	65ft		
Background PID (ppm):	0.60	**Well PID (ppm):**	0.2	**Screen Interval (ft):**	55-70		
Water Quality Meter:	Horiba U52	**Water Quality Meter ID:**	CGFX	**Well Diameter (in):**	2inch		

TIME	TEMP. °C	pH (std. Units)	ORP (mV)	COND. (mS/cm)	Turbidity (NTU)	DO (mg/L)	DTW (ft)	Q (mL/m)	COLOR?	ODOR?	NOTES	STABILIZED?
11:00	17.86	7.14	296.0	0.104	863.00	7.61	40.00	400	light brown	yes	Begin Purging	---
11:05	17.79	7.30	291.0	0.101	784.0	7.26	40.50	400	light brown	yes		---
11:10	18.19	7.62	269.0	0.111	1000	7.16	41.50	400	light brown	yes		---
11:15	18.18	8.67	201.0	0.126	1000	7.00	43.33	400	light brown	yes		N
11:20	17.79	8.97	178.0	0.139	1000	6.42	42.45	400	light brown	yes		N
11:25	18.22	8.86	181.0	0.151	1000	6.42	43.00	400	light brown	yes		N
11:30	18.27	8.96	163.0	0.182	1000	5.94	43.78	400	light brown	yes		N
11:35	17.86	9.14	138.0	0.209	1000	5.59	45.94	400	light brown	yes		N
11:40	17.71	9.18	131.0	0.215	1000	5.77	48.71	400	light brown	yes		N
11:45	17.70	8.86	156.0	0.155	1000	6.28	50.07	400	light brown	yes		N
11:50	17.73	7.84	232.0	0.108	1000	7.10	54.42	400	light brown	yes		N
11:55	17.77	7.69	245.0	0.103	855.0	7.24	57.81	400	light brown	yes		N
12:00	17.80	7.69	240.0	0.104	1000	7.20	61.08	400	light brown	yes		N
12:05	17.89	7.78	230.0	0.112	1000	6.99	65.00	400	light brown	yes	Begin Sampling	Y
	+/- 3%	+/- 0.1 pH	+/- 10 mV	+/- 3%	+/- 10 NTU	+/- 10%	<0.3' drawdown					

Notes:

Sample Number:	TWP11_20221027	Sample Time:	12:14	Sample Analyses:	VOCs, SVOCs, Total + Dissolved Metals
QA/QC Sample Number:	---	QA/QC Sample Time:	---	QA/QC Sample Analyses:	---

LANGAN

ATTACHMENT C

Laboratory Analytical Data Packages

LANGAN

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Christopher McMahon

Report Date: 09/07/2022
Client Project ID: 101015501
York Project (SDG) No.: 22H1613

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/07/2022
Client Project ID: 101015501
York Project (SDG) No.: 22H1613

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Christopher McMahon

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 26, 2022 and listed below. The project was identified as your project: **101015501**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22H1613-01	SB02_0.5-2.5	Soil	08/26/2022	08/26/2022
22H1613-03	FB20220826	Water	08/26/2022	08/26/2022
22H1613-04	SB01_0.5-2.5	Soil	08/26/2022	08/26/2022
22H1613-05	DUP20220826	Soil	08/26/2022	08/26/2022

General Notes for York Project (SDG) No.: 22H1613

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 09/07/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **SB02_0.5-2.5** **York Sample ID:** **22H1613-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 11:20 am	08/26/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB02_0.5-2.5** **York Sample ID:** **22H1613-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 11:20 am	08/26/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.096	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.039**	CCVE	mg/kg dry	0.0048	0.0096	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB02_0.5-2.5** **York Sample ID:** **22H1613-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 11:20 am	08/26/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0068**	J	mg/kg dry	0.0048	0.0096	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB02_0.5-2.5** **York Sample ID:** **22H1613-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 11:20 am	08/26/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**0.012**		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:26	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*90.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.4 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: **SB02_0.5-2.5** **York Sample ID:** **22H1613-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 11:20 am	08/26/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.0590**	J	mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB02_0.5-2.5** **York Sample ID:** **22H1613-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 11:20 am	08/26/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
62-53-3	Aniline	ND		mg/kg dry	0.174	0.348	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.348	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0881**		mg/kg dry	0.0435	0.0868	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 10:57	KH

Sample Information

Client Sample ID: **SB02_0.5-2.5** **York Sample ID:** **22H1613-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 11:20 am	08/26/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0868	0.173	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB02_0.5-2.5** **York Sample ID:** **22H1613-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 11:20 am	08/26/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**0.0465**	J	mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		mg/kg dry	0.0435	0.0868	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.348	2	EPA 8270D	09/06/2022 14:47	09/07/2022 10:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.7 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*49.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*52.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.6 %*	*24-116*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.9**		%	0.100	1	SM 2540G	09/02/2022 07:27	09/02/2022 10:40	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: **FB20220826** **York Sample ID:** **22H1613-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Water	August 26, 2022 12:00 pm	08/26/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **FB20220826** **York Sample ID:** **22H1613-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Water	August 26, 2022 12:00 pm	08/26/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**2.61**	CCVE	ug/L	1.00	2.00	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: FB20220826 **York Sample ID:** 22H1613-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Water	August 26, 2022 12:00 pm	08/26/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **FB20220826** **York Sample ID:** **22H1613-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Water	August 26, 2022 12:00 pm	08/26/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.230**	J	ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	09/01/2022 06:28	09/01/2022 23:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: FB20220826 **York Sample ID:** 22H1613-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Water	August 26, 2022 12:00 pm	08/26/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	09/01/2022 07:33	09/01/2022 18:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB20220826 **York Sample ID:** 22H1613-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Water	August 26, 2022 12:00 pm	08/26/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.13	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
92-87-5	Benzidine	ND		ug/L	5.13	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
65-85-0	Benzoic acid	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	10.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH

Sample Information

Client Sample ID: **FB20220826** **York Sample ID:** **22H1613-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Water	August 26, 2022 12:00 pm	08/26/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 18:14	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*28.0 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*18.5 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.6 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.7 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.6 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 16:42	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 16:42	KH
120-12-7	Anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 16:42	KH
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2022 07:33	09/01/2022 16:42	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 16:42	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 16:42	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 16:42	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 16:42	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 16:42	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/01/2022 07:33	09/01/2022 16:42	KH
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 16:42	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2022 07:33	09/01/2022 16:42	KH

Sample Information

Client Sample ID: **FB20220826** **York Sample ID:** **22H1613-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Water	August 26, 2022 12:00 pm	08/26/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	09/01/2022 07:33	09/01/2022 16:42	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.215**		ug/L	0.0513	1	EPA 8270D SIM	09/01/2022 07:33	09/01/2022 16:42	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM	09/01/2022 07:33	09/01/2022 16:42	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM	09/01/2022 07:33	09/01/2022 16:42	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM	09/01/2022 07:33	09/01/2022 16:42	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	09/01/2022 07:33	09/01/2022 16:42	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0513	1	EPA 8270D SIM	09/01/2022 07:33	09/01/2022 16:42	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM	09/01/2022 07:33	09/01/2022 16:42	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM	09/01/2022 07:33	09/01/2022 16:42	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM	09/01/2022 07:33	09/01/2022 16:42	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0513	1	EPA 8270D SIM	09/01/2022 07:33	09/01/2022 16:42	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.0513**		ug/L	0.0513	1	EPA 8270D SIM	09/01/2022 07:33	09/01/2022 16:42	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB01_0.5-2.5** **York Sample ID:** **22H1613-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 12:05 pm	08/26/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_0.5-2.5 **York Sample ID:** 22H1613-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 12:05 pm	08/26/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.039	0.077	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB01_0.5-2.5** **York Sample ID:** **22H1613-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 12:05 pm	08/26/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB01_0.5-2.5** **York Sample ID:** **22H1613-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 12:05 pm	08/26/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	08/31/2022 06:38	09/01/2022 06:54	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.1 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: **SB01_0.5-2.5** **York Sample ID:** **22H1613-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 12:05 pm	08/26/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB01_0.5-2.5** **York Sample ID:** **22H1613-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 12:05 pm	08/26/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
208-96-8	**Acenaphthylene**	**0.0492**	J	mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
56-55-3	**Benzo(a)anthracene**	**0.106**		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
50-32-8	**Benzo(a)pyrene**	**0.0829**	J	mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
205-99-2	**Benzo(b)fluoranthene**	**0.0521**	J	mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
207-08-9	**Benzo(k)fluoranthene**	**0.0661**	J	mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:27	KH

Sample Information

Client Sample ID: **SB01_0.5-2.5** **York Sample ID:** **22H1613-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 12:05 pm	08/26/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.106**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.117**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB01_0.5-2.5** **York Sample ID:** **22H1613-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 12:05 pm	08/26/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.167**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.2 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*29.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*33.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*33.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*44.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*36.5 %*	*24-116*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.5**		%	0.100	1	SM 2540G	09/02/2022 07:27	09/02/2022 10:40	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: **DUP20220826** **York Sample ID:** **22H1613-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 12:15 pm	08/26/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP20220826 **York Sample ID:** 22H1613-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 12:15 pm	08/26/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.017**	CCVE	mg/kg dry	0.0050	0.010	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP20220826 | **York Sample ID:** 22H1613-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 12:15 pm	08/26/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0079**	J	mg/kg dry	0.0050	0.010	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP20220826 **York Sample ID:** 22H1613-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 12:15 pm	08/26/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**0.0052**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	08/31/2022 06:38	09/01/2022 07:23	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*90.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.6 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: DUP20220826 **York Sample ID:** 22H1613-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 12:15 pm	08/26/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP20220826 **York Sample ID:** 22H1613-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 12:15 pm	08/26/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
208-96-8	**Acenaphthylene**	**0.646**		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
120-12-7	**Anthracene**	**0.523**		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.356	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
56-55-3	**Benzo(a)anthracene**	**1.86**		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
50-32-8	**Benzo(a)pyrene**	**1.39**		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
205-99-2	**Benzo(b)fluoranthene**	**0.762**		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.616**		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
207-08-9	**Benzo(k)fluoranthene**	**1.34**		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH

Sample Information

Client Sample ID: **DUP20220826** **York Sample ID:** **22H1613-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 12:15 pm	08/26/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
218-01-9	**Chrysene**	**1.95**		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.246**		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
206-44-0	**Fluoranthene**	**2.25**		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.500**		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 11:58	KH

Sample Information

Client Sample ID: **DUP20220826** **York Sample ID:** **22H1613-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1613	101015501	Soil	August 26, 2022 12:15 pm	08/26/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.355**		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**3.55**		mg/kg dry	0.111	0.222	5	EPA 8270D	09/06/2022 14:47	09/07/2022 14:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	09/06/2022 14:47	09/07/2022 11:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.5 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*55.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.8 %*	*24-116*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.1**		%	0.100	1	SM 2540G	09/02/2022 07:27	09/02/2022 10:40	VR
							Certifications:	CTDOH		

Analytical Batch Summary

Batch ID: BH20801 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22H1613-03	FB20220826	09/01/22
BH20801-BLK1	Blank	09/01/22
BH20801-BS1	LCS	09/01/22
BH20801-BSD1	LCS Dup	09/01/22

Batch ID: BH21841 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22H1613-01	SB02_0.5-2.5	08/31/22
22H1613-04	SB01_0.5-2.5	08/31/22
22H1613-05	DUP20220826	08/31/22
BH21841-BLK1	Blank	08/31/22
BH21841-BS1	LCS	08/31/22
BH21841-BSD1	LCS Dup	08/31/22

Batch ID: BI20004 **Preparation Method:** EPA 3510C **Prepared By:** CCH

YORK Sample ID	Client Sample ID	Preparation Date
22H1613-03	FB20220826	09/01/22
BI20004-BLK1	Blank	09/01/22
BI20004-BLK2	Blank	09/01/22
BI20004-BS1	LCS	09/01/22
BI20004-BS2	LCS	09/01/22
BI20004-BSD1	LCS Dup	09/01/22

Batch ID: BI20079 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
22H1613-01	SB02_0.5-2.5	09/02/22
22H1613-04	SB01_0.5-2.5	09/02/22
22H1613-05	DUP20220826	09/02/22
BI20079-DUP1	Duplicate	09/02/22

Batch ID: BI20196 **Preparation Method:** EPA 3546 SVOA **Prepared By:** FG

YORK Sample ID	Client Sample ID	Preparation Date
22H1613-01	SB02_0.5-2.5	09/06/22
22H1613-04	SB01_0.5-2.5	09/06/22
22H1613-05	DUP20220826	09/06/22
22H1613-05RE1	DUP20220826	09/06/22
BI20196-BLK1	Blank	09/06/22
BI20196-BS1	LCS	09/06/22

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20801 - EPA 5030B											
Blank (BH20801-BLK1) Blank									Prepared & Analyzed: 09/01/2022		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20801 - EPA 5030B											
Blank (BH20801-BLK1) Blank								Prepared & Analyzed: 09/01/2022			
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.89*		*"*	*10.0*		*98.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20801 - EPA 5030B											
LCS (BH20801-BS1) LCS							Prepared & Analyzed: 09/01/2022				
1,1,1,2-Tetrachloroethane	8.90		ug/L	10.0		89.0	82-126				
1,1,1-Trichloroethane	9.52		"	10.0		95.2	78-136				
1,1,2,2-Tetrachloroethane	8.50		"	10.0		85.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165				
1,1,2-Trichloroethane	9.08		"	10.0		90.8	82-123				
1,1-Dichloroethane	9.07		"	10.0		90.7	82-129				
1,1-Dichloroethylene	9.82		"	10.0		98.2	68-138				
1,1-Dichloropropylene	8.90		"	10.0		89.0	83-133				
1,2,3-Trichlorobenzene	8.96		"	10.0		89.6	76-136				
1,2,3-Trichloropropane	8.49		"	10.0		84.9	77-128				
1,2,4-Trichlorobenzene	8.62		"	10.0		86.2	76-137				
1,2,4-Trimethylbenzene	9.00		"	10.0		90.0	82-132				
1,2-Dibromo-3-chloropropane	7.80		"	10.0		78.0	45-147				
1,2-Dibromoethane	8.77		"	10.0		87.7	83-124				
1,2-Dichlorobenzene	8.92		"	10.0		89.2	79-123				
1,2-Dichloroethane	8.93		"	10.0		89.3	73-132				
1,2-Dichloropropane	9.29		"	10.0		92.9	78-126				
1,3,5-Trimethylbenzene	9.09		"	10.0		90.9	80-131				
1,3-Dichlorobenzene	8.76		"	10.0		87.6	86-122				
1,3-Dichloropropane	9.04		"	10.0		90.4	81-125				
1,4-Dichlorobenzene	8.62		"	10.0		86.2	85-124				
1,4-Dioxane	231		"	210		110	10-349				
2,2-Dichloropropane	8.75		"	10.0		87.5	56-150				
2-Butanone	9.07		"	10.0		90.7	49-152				
2-Chlorotoluene	9.76		"	10.0		97.6	79-130				
2-Hexanone	8.78		"	10.0		87.8	51-146				
4-Chlorotoluene	9.05		"	10.0		90.5	79-128				
4-Methyl-2-pentanone	9.14		"	10.0		91.4	57-145				
Acetone	13.0		"	10.0		130	14-150				
Acrolein	5.39		"	10.0		53.9	10-153				
Acrylonitrile	8.42		"	10.0		84.2	51-150				
Benzene	9.12		"	10.0		91.2	85-126				
Bromobenzene	8.55		"	10.0		85.5	78-129				
Bromochloromethane	8.80		"	10.0		88.0	77-128				
Bromodichloromethane	8.93		"	10.0		89.3	79-128				
Bromoform	8.60		"	10.0		86.0	78-133				
Bromomethane	9.05		"	10.0		90.5	43-168				
Carbon disulfide	10.4		"	10.0		104	68-146				
Carbon tetrachloride	9.84		"	10.0		98.4	77-141				
Chlorobenzene	9.35		"	10.0		93.5	88-120				
Chloroethane	9.34		"	10.0		93.4	65-136				
Chloroform	9.23		"	10.0		92.3	82-128				
Chloromethane	9.77		"	10.0		97.7	43-155				
cis-1,2-Dichloroethylene	8.83		"	10.0		88.3	83-129				
cis-1,3-Dichloropropylene	8.90		"	10.0		89.0	80-131				
Cyclohexane	4.42		"	10.0		44.2	63-149	Low Bias			
Dibromochloromethane	9.09		"	10.0		90.9	80-130				
Dibromomethane	9.03		"	10.0		90.3	72-134				
Dichlorodifluoromethane	10.3		"	10.0		103	44-144				
Ethyl Benzene	9.39		"	10.0		93.9	80-131				
Hexachlorobutadiene	11.6		"	10.0		116	67-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20801 - EPA 5030B											
LCS (BH20801-BS1) LCS							Prepared & Analyzed: 09/01/2022				
Isopropylbenzene	9.45		ug/L	10.0		94.5	76-140				
Methyl acetate	7.73		"	10.0		77.3	51-139				
Methyl tert-butyl ether (MTBE)	8.64		"	10.0		86.4	76-135				
Methylcyclohexane	10.3		"	10.0		103	72-143				
Methylene chloride	8.46		"	10.0		84.6	55-137				
n-Butylbenzene	9.26		"	10.0		92.6	79-132				
n-Propylbenzene	9.33		"	10.0		93.3	78-133				
o-Xylene	9.47		"	10.0		94.7	78-130				
p- & m- Xylenes	19.3		"	20.0		96.7	77-133				
p-Isopropyltoluene	9.38		"	10.0		93.8	81-136				
sec-Butylbenzene	9.52		"	10.0		95.2	79-137				
Styrene	9.22		"	10.0		92.2	67-132				
tert-Butyl alcohol (TBA)	50.9		"	50.0		102	25-162				
tert-Butylbenzene	7.89		"	10.0		78.9	77-138				
Tetrachloroethylene	9.51		"	10.0		95.1	82-131				
Toluene	9.39		"	10.0		93.9	80-127				
trans-1,2-Dichloroethylene	9.25		"	10.0		92.5	80-132				
trans-1,3-Dichloropropylene	8.68		"	10.0		86.8	78-131				
Trichloroethylene	9.06		"	10.0		90.6	82-128				
Trichlorofluoromethane	10.1		"	10.0		101	67-139				
Vinyl acetate	6.48		"	10.0		64.8	21-90				
Vinyl Chloride	9.62		"	10.0		96.2	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.84*		*"*	*10.0*		*98.4*	*79-122*				
LCS Dup (BH20801-BSD1) LCS Dup							Prepared & Analyzed: 09/01/2022				
1,1,1,2-Tetrachloroethane	8.95		ug/L	10.0		89.5	82-126		0.560	30	
1,1,1-Trichloroethane	9.27		"	10.0		92.7	78-136		2.66	30	
1,1,2,2-Tetrachloroethane	8.52		"	10.0		85.2	76-129		0.235	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	54-165		2.45	30	
1,1,2-Trichloroethane	8.50		"	10.0		85.0	82-123		6.60	30	
1,1-Dichloroethane	8.82		"	10.0		88.2	82-129		2.79	30	
1,1-Dichloroethylene	9.32		"	10.0		93.2	68-138		5.22	30	
1,1-Dichloropropylene	8.59		"	10.0		85.9	83-133		3.54	30	
1,2,3-Trichlorobenzene	8.50		"	10.0		85.0	76-136		5.27	30	
1,2,3-Trichloropropane	8.49		"	10.0		84.9	77-128		0.00	30	
1,2,4-Trichlorobenzene	8.48		"	10.0		84.8	76-137		1.64	30	
1,2,4-Trimethylbenzene	8.78		"	10.0		87.8	82-132		2.47	30	
1,2-Dibromo-3-chloropropane	7.87		"	10.0		78.7	45-147		0.893	30	
1,2-Dibromoethane	8.80		"	10.0		88.0	83-124		0.341	30	
1,2-Dichlorobenzene	8.81		"	10.0		88.1	79-123		1.24	30	
1,2-Dichloroethane	8.76		"	10.0		87.6	73-132		1.92	30	
1,2-Dichloropropane	8.61		"	10.0		86.1	78-126		7.60	30	
1,3,5-Trimethylbenzene	8.92		"	10.0		89.2	80-131		1.89	30	
1,3-Dichlorobenzene	8.52		"	10.0		85.2	86-122	Low Bias	2.78	30	
1,3-Dichloropropane	8.61		"	10.0		86.1	81-125		4.87	30	
1,4-Dichlorobenzene	8.50		"	10.0		85.0	85-124		1.40	30	
1,4-Dioxane	199		"	210		94.7	10-349		14.8	30	
2,2-Dichloropropane	8.15		"	10.0		81.5	56-150		7.10	30	
2-Butanone	8.63		"	10.0		86.3	49-152		4.97	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20801 - EPA 5030B											
LCS Dup (BH20801-BSD1) LCS Dup								Prepared & Analyzed: 09/01/2022			
2-Chlorotoluene	9.61		ug/L	10.0		96.1	79-130		1.55	30	
2-Hexanone	8.66		"	10.0		86.6	51-146		1.38	30	
4-Chlorotoluene	8.83		"	10.0		88.3	79-128		2.46	30	
4-Methyl-2-pentanone	8.76		"	10.0		87.6	57-145		4.25	30	
Acetone	13.7		"	10.0		137	14-150		5.85	30	
Acrolein	5.20		"	10.0		52.0	10-153		3.59	30	
Acrylonitrile	9.16		"	10.0		91.6	51-150		8.42	30	
Benzene	8.89		"	10.0		88.9	85-126		2.55	30	
Bromobenzene	8.45		"	10.0		84.5	78-129		1.18	30	
Bromochloromethane	8.72		"	10.0		87.2	77-128		0.913	30	
Bromodichloromethane	8.69		"	10.0		86.9	79-128		2.72	30	
Bromoform	8.31		"	10.0		83.1	78-133		3.43	30	
Bromomethane	8.60		"	10.0		86.0	43-168		5.10	30	
Carbon disulfide	10.0		"	10.0		100	68-146		3.43	30	
Carbon tetrachloride	9.49		"	10.0		94.9	77-141		3.62	30	
Chlorobenzene	9.35		"	10.0		93.5	88-120		0.00	30	
Chloroethane	8.96		"	10.0		89.6	65-136		4.15	30	
Chloroform	9.09		"	10.0		90.9	82-128		1.53	30	
Chloromethane	9.37		"	10.0		93.7	43-155		4.18	30	
cis-1,2-Dichloroethylene	8.57		"	10.0		85.7	83-129		2.99	30	
cis-1,3-Dichloropropylene	8.47		"	10.0		84.7	80-131		4.95	30	
Cyclohexane	4.25		"	10.0		42.5	63-149	Low Bias	3.92	30	
Dibromochloromethane	8.56		"	10.0		85.6	80-130		6.01	30	
Dibromomethane	8.56		"	10.0		85.6	72-134		5.34	30	
Dichlorodifluoromethane	9.86		"	10.0		98.6	44-144		3.98	30	
Ethyl Benzene	9.46		"	10.0		94.6	80-131		0.743	30	
Hexachlorobutadiene	11.2		"	10.0		112	67-146		3.50	30	
Isopropylbenzene	9.21		"	10.0		92.1	76-140		2.57	30	
Methyl acetate	7.76		"	10.0		77.6	51-139		0.387	30	
Methyl tert-butyl ether (MTBE)	8.66		"	10.0		86.6	76-135		0.231	30	
Methylcyclohexane	9.32		"	10.0		93.2	72-143		10.2	30	
Methylene chloride	8.56		"	10.0		85.6	55-137		1.18	30	
n-Butylbenzene	8.85		"	10.0		88.5	79-132		4.53	30	
n-Propylbenzene	9.09		"	10.0		90.9	78-133		2.61	30	
o-Xylene	8.99		"	10.0		89.9	78-130		5.20	30	
p- & m- Xylenes	19.1		"	20.0		95.3	77-133		1.46	30	
p-Isopropyltoluene	9.06		"	10.0		90.6	81-136		3.47	30	
sec-Butylbenzene	9.28		"	10.0		92.8	79-137		2.55	30	
Styrene	8.80		"	10.0		88.0	67-132		4.66	30	
tert-Butyl alcohol (TBA)	54.9		"	50.0		110	25-162		7.49	30	
tert-Butylbenzene	7.67		"	10.0		76.7	77-138	Low Bias	2.83	30	
Tetrachloroethylene	8.82		"	10.0		88.2	82-131		7.53	30	
Toluene	8.90		"	10.0		89.0	80-127		5.36	30	
trans-1,2-Dichloroethylene	8.92		"	10.0		89.2	80-132		3.63	30	
trans-1,3-Dichloropropylene	8.38		"	10.0		83.8	78-131		3.52	30	
Trichloroethylene	8.59		"	10.0		85.9	82-128		5.33	30	
Trichlorofluoromethane	9.69		"	10.0		96.9	67-139		3.85	30	
Vinyl acetate	6.41		"	10.0		64.1	21-90		1.09	30	
Vinyl Chloride	9.13		"	10.0		91.3	58-145		5.23	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.84*		*"*	*10.0*		*98.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*81-117*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20801 - EPA 5030B											
LCS Dup (BH20801-BSD1) LCS Dup								Prepared & Analyzed: 09/01/2022			
Surrogate: SURR: p-Bromofluorobenzene	*9.95*		*ug/L*	*10.0*		*99.5*	*79-122*				
Batch BH21841 - EPA 5035A											
Blank (BH21841-BLK1) Blank								Prepared: 08/31/2022 Analyzed: 09/01/2022			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21841 - EPA 5035A											
Blank (BH21841-BLK1) Blank									Prepared: 08/31/2022 Analyzed: 09/01/2022		
Dibromochloromethane	ND	0.0050	mg/kg wet								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*55.2*		*ug/L*	*50.0*		*110*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.7*		*"*	*50.0*		*91.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.4*		*"*	*50.0*		*94.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21841 - EPA 5035A											
LCS (BH21841-BS1) LCS							Prepared & Analyzed: 08/31/2022				
1,1,1,2-Tetrachloroethane	52.3		ug/L	50.0		105	75-129				
1,1,1-Trichloroethane	56.0		"	50.0		112	71-137				
1,1,2,2-Tetrachloroethane	47.3		"	50.0		94.7	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55.4		"	50.0		111	58-146				
1,1,2-Trichloroethane	50.0		"	50.0		100	83-123				
1,1-Dichloroethane	53.9		"	50.0		108	75-130				
1,1-Dichloroethylene	54.3		"	50.0		109	64-137				
1,1-Dichloropropylene	51.9		"	50.0		104	77-127				
1,2,3-Trichlorobenzene	44.2		"	50.0		88.5	81-140				
1,2,3-Trichloropropane	48.9		"	50.0		97.7	81-126				
1,2,4-Trichlorobenzene	43.2		"	50.0		86.4	80-141				
1,2,4-Trimethylbenzene	45.6		"	50.0		91.2	84-125				
1,2-Dibromo-3-chloropropane	44.8		"	50.0		89.5	74-142				
1,2-Dibromoethane	52.2		"	50.0		104	86-123				
1,2-Dichlorobenzene	45.5		"	50.0		91.0	85-122				
1,2-Dichloroethane	60.4		"	50.0		121	71-133				
1,2-Dichloropropane	49.9		"	50.0		99.8	81-122				
1,3,5-Trimethylbenzene	43.6		"	50.0		87.3	82-126				
1,3-Dichlorobenzene	44.2		"	50.0		88.3	84-124				
1,3-Dichloropropane	49.5		"	50.0		98.9	83-123				
1,4-Dichlorobenzene	43.7		"	50.0		87.5	84-124				
1,4-Dioxane	984		"	1050		93.7	10-228				
2,2-Dichloropropane	54.2		"	50.0		108	67-136				
2-Butanone	45.3		"	50.0		90.5	58-147				
2-Chlorotoluene	44.6		"	50.0		89.1	78-127				
2-Hexanone	48.2		"	50.0		96.4	70-139				
4-Chlorotoluene	47.7		"	50.0		95.3	79-125				
4-Methyl-2-pentanone	50.7		"	50.0		101	72-132				
Acetone	62.7		"	50.0		125	36-155				
Acrolein	16.5		"	50.0		33.1	10-238				
Acrylonitrile	50.8		"	50.0		102	66-141				
Benzene	53.0		"	50.0		106	77-127				
Bromobenzene	45.2		"	50.0		90.3	77-129				
Bromochloromethane	55.8		"	50.0		112	74-129				
Bromodichloromethane	50.8		"	50.0		102	81-124				
Bromoform	50.2		"	50.0		100	80-136				
Bromomethane	47.2		"	50.0		94.4	32-177				
Carbon disulfide	63.0		"	50.0		126	10-136				
Carbon tetrachloride	57.7		"	50.0		115	66-143				
Chlorobenzene	49.6		"	50.0		99.1	86-120				
Chloroethane	52.7		"	50.0		105	51-142				
Chloroform	55.6		"	50.0		111	76-131				
Chloromethane	50.8		"	50.0		102	49-132				
cis-1,2-Dichloroethylene	53.9		"	50.0		108	74-132				
cis-1,3-Dichloropropylene	50.8		"	50.0		102	81-129				
Cyclohexane	50.2		"	50.0		100	70-130				
Dibromochloromethane	54.9		"	50.0		110	10-200				
Dibromomethane	50.6		"	50.0		101	83-124				
Dichlorodifluoromethane	64.7		"	50.0		129	28-158				
Ethyl Benzene	47.3		"	50.0		94.5	84-125				
Hexachlorobutadiene	45.0		"	50.0		90.0	83-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21841 - EPA 5035A											
LCS (BH21841-BS1) LCS							Prepared & Analyzed: 08/31/2022				
Isopropylbenzene	45.5		ug/L	50.0		91.0	81-127				
Methyl acetate	46.6		"	50.0		93.3	41-143				
Methyl tert-butyl ether (MTBE)	56.9		"	50.0		114	74-131				
Methylcyclohexane	44.8		"	50.0		89.6	70-130				
Methylene chloride	55.6		"	50.0		111	57-141				
n-Butylbenzene	42.6		"	50.0		85.1	80-130				
n-Propylbenzene	43.7		"	50.0		87.4	74-136				
o-Xylene	49.9		"	50.0		99.8	83-123				
p- & m- Xylenes	96.1		"	100		96.1	82-128				
p-Isopropyltoluene	44.8		"	50.0		89.6	85-125				
sec-Butylbenzene	44.1		"	50.0		88.1	83-125				
Styrene	49.0		"	50.0		98.0	86-126				
tert-Butyl alcohol (TBA)	279		"	250		112	70-130				
tert-Butylbenzene	46.2		"	50.0		92.3	80-127				
Tetrachloroethylene	42.1		"	50.0		84.1	80-129				
Toluene	45.4		"	50.0		90.8	85-121				
trans-1,2-Dichloroethylene	54.9		"	50.0		110	72-132				
trans-1,3-Dichloropropylene	46.3		"	50.0		92.6	78-132				
Trichloroethylene	46.8		"	50.0		93.5	84-123				
Trichlorofluoromethane	51.4		"	50.0		103	62-140				
Vinyl acetate	41.6		"	50.0		83.1	67-136				
Vinyl Chloride	52.8		"	50.0		106	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.1*		*"*	*50.0*		*108*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.6*		*"*	*50.0*		*93.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.1*	*76-130*				
LCS Dup (BH21841-BSD1) LCS Dup							Prepared & Analyzed: 08/31/2022				
1,1,1,2-Tetrachloroethane	55.9		ug/L	50.0		112	75-129		6.66	30	
1,1,1-Trichloroethane	57.5		"	50.0		115	71-137		2.70	30	
1,1,2,2-Tetrachloroethane	51.6		"	50.0		103	79-129		8.73	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.3		"	50.0		113	58-146		1.67	30	
1,1,2-Trichloroethane	52.7		"	50.0		105	83-123		5.28	30	
1,1-Dichloroethane	56.4		"	50.0		113	75-130		4.57	30	
1,1-Dichloroethylene	56.6		"	50.0		113	64-137		4.16	30	
1,1-Dichloropropylene	53.9		"	50.0		108	77-127		3.78	30	
1,2,3-Trichlorobenzene	47.3		"	50.0		94.6	81-140		6.64	30	
1,2,3-Trichloropropane	52.6		"	50.0		105	81-126		7.28	30	
1,2,4-Trichlorobenzene	46.2		"	50.0		92.4	80-141		6.74	30	
1,2,4-Trimethylbenzene	47.7		"	50.0		95.4	84-125		4.44	30	
1,2-Dibromo-3-chloropropane	47.9		"	50.0		95.8	74-142		6.80	30	
1,2-Dibromoethane	55.6		"	50.0		111	86-123		6.42	30	
1,2-Dichlorobenzene	47.8		"	50.0		95.6	85-122		4.95	30	
1,2-Dichloroethane	60.5		"	50.0		121	71-133		0.314	30	
1,2-Dichloropropane	52.4		"	50.0		105	81-122		4.91	30	
1,3,5-Trimethylbenzene	46.2		"	50.0		92.4	82-126		5.68	30	
1,3-Dichlorobenzene	46.3		"	50.0		92.7	84-124		4.80	30	
1,3-Dichloropropane	53.3		"	50.0		107	83-123		7.42	30	
1,4-Dichlorobenzene	46.2		"	50.0		92.3	84-124		5.38	30	
1,4-Dioxane	1090		"	1050		104	10-228		10.4	30	
2,2-Dichloropropane	56.5		"	50.0		113	67-136		4.27	30	
2-Butanone	51.7		"	50.0		103	58-147		13.2	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21841 - EPA 5035A											
LCS Dup (BH21841-BSD1) LCS Dup							Prepared & Analyzed: 08/31/2022				
2-Chlorotoluene	47.2		ug/L	50.0		94.5	78-127		5.86	30	
2-Hexanone	52.0		"	50.0		104	70-139		7.60	30	
4-Chlorotoluene	45.8		"	50.0		91.6	79-125		3.98	30	
4-Methyl-2-pentanone	55.1		"	50.0		110	72-132		8.26	30	
Acetone	65.3		"	50.0		131	36-155		4.03	30	
Acrolein	16.3		"	50.0		32.6	10-238		1.40	30	
Acrylonitrile	55.6		"	50.0		111	66-141		9.02	30	
Benzene	55.3		"	50.0		111	77-127		4.23	30	
Bromobenzene	47.7		"	50.0		95.5	77-129		5.55	30	
Bromochloromethane	58.3		"	50.0		117	74-129		4.42	30	
Bromodichloromethane	54.8		"	50.0		110	81-124		7.52	30	
Bromoform	53.8		"	50.0		108	80-136		6.85	30	
Bromomethane	51.3		"	50.0		103	32-177		8.23	30	
Carbon disulfide	65.0		"	50.0		130	10-136		3.14	30	
Carbon tetrachloride	59.2		"	50.0		118	66-143		2.63	30	
Chlorobenzene	52.5		"	50.0		105	86-120		5.74	30	
Chloroethane	53.2		"	50.0		106	51-142		1.02	30	
Chloroform	58.3		"	50.0		117	76-131		4.81	30	
Chloromethane	52.0		"	50.0		104	49-132		2.41	30	
cis-1,2-Dichloroethylene	55.9		"	50.0		112	74-132		3.66	30	
cis-1,3-Dichloropropylene	54.1		"	50.0		108	81-129		6.22	30	
Cyclohexane	52.3		"	50.0		105	70-130		4.06	30	
Dibromochloromethane	58.7		"	50.0		117	10-200		6.67	30	
Dibromomethane	53.9		"	50.0		108	83-124		6.30	30	
Dichlorodifluoromethane	65.2		"	50.0		130	28-158		0.662	30	
Ethyl Benzene	50.3		"	50.0		101	84-125		6.29	30	
Hexachlorobutadiene	48.5		"	50.0		96.9	83-133		7.36	30	
Isopropylbenzene	48.6		"	50.0		97.1	81-127		6.53	30	
Methyl acetate	50.2		"	50.0		100	41-143		7.27	30	
Methyl tert-butyl ether (MTBE)	59.9		"	50.0		120	74-131		5.05	30	
Methylcyclohexane	47.6		"	50.0		95.2	70-130		6.08	30	
Methylene chloride	57.2		"	50.0		114	57-141		2.75	30	
n-Butylbenzene	44.2		"	50.0		88.4	80-130		3.73	30	
n-Propylbenzene	46.1		"	50.0		92.1	74-136		5.28	30	
o-Xylene	52.8		"	50.0		106	83-123		5.73	30	
p- & m- Xylenes	101		"	100		101	82-128		5.23	30	
p-Isopropyltoluene	46.8		"	50.0		93.6	85-125		4.32	30	
sec-Butylbenzene	47.1		"	50.0		94.2	83-125		6.69	30	
Styrene	51.7		"	50.0		103	86-126		5.36	30	
tert-Butyl alcohol (TBA)	364		"	250		146	70-130	High Bias	26.5	30	
tert-Butylbenzene	49.0		"	50.0		97.9	80-127		5.85	30	
Tetrachloroethylene	44.2		"	50.0		88.4	80-129		4.96	30	
Toluene	48.5		"	50.0		97.0	85-121		6.60	30	
trans-1,2-Dichloroethylene	56.7		"	50.0		113	72-132		3.10	30	
trans-1,3-Dichloropropylene	49.5		"	50.0		99.0	78-132		6.70	30	
Trichloroethylene	50.5		"	50.0		101	84-123		7.65	30	
Trichlorofluoromethane	53.6		"	50.0		107	62-140		4.02	30	
Vinyl acetate	43.1		"	50.0		86.3	67-136		3.75	30	
Vinyl Chloride	54.8		"	50.0		110	52-130		3.59	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.9*		*"*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.0*		*"*	*50.0*		*94.1*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21841 - EPA 5035A											
LCS Dup (BH21841-BSD1) LCS Dup								Prepared & Analyzed: 08/31/2022			
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*ug/L*	*50.0*		*99.3*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20004 - EPA 3510C											
Blank (BI20004-BLK1) Blank									Prepared & Analyzed: 09/01/2022		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20004 - EPA 3510C											
Blank (BI20004-BLK1) Blank							Prepared & Analyzed: 09/01/2022				
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*22.8*		*"*	*50.0*		*45.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*15.7*		*"*	*50.0*		*31.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*28.9*		*"*	*25.0*		*115*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*23.7*		*"*	*25.0*		*94.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*68.9*		*"*	*50.0*		*138*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*31.3*		*"*	*25.0*		*125*	*30.7-106*				
Blank (BI20004-BLK2) Blank							Prepared & Analyzed: 09/01/2022				
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	0.570	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20004 - EPA 3510C											
LCS (BI20004-BS1) LCS							Prepared & Analyzed: 09/01/2022				
1,1-Biphenyl	19.5	5.00	ug/L	25.0		77.9	33-95				
1,2,4,5-Tetrachlorobenzene	18.0	5.00	"	25.0		71.8	26-120				
1,2,4-Trichlorobenzene	16.2	5.00	"	25.0		65.0	20-118				
1,2-Dichlorobenzene	16.3	5.00	"	25.0		65.2	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	24.9	5.00	"	25.0		99.6	16-141				
1,3-Dichlorobenzene	16.0	5.00	"	25.0		63.9	23-117				
1,4-Dichlorobenzene	16.3	5.00	"	25.0		65.2	30-105				
2,3,4,6-Tetrachlorophenol	28.7	5.00	"	25.0		115	30-130				
2,4,5-Trichlorophenol	21.0	5.00	"	25.0		84.1	32-114				
2,4,6-Trichlorophenol	21.0	5.00	"	25.0		84.1	35-118				
2,4-Dichlorophenol	19.8	5.00	"	25.0		79.0	25-116				
2,4-Dimethylphenol	18.8	5.00	"	25.0		75.0	15-116				
2,4-Dinitrophenol	38.4	5.00	"	25.0		154	10-170				
2,4-Dinitrotoluene	25.6	5.00	"	25.0		102	41-128				
2,6-Dinitrotoluene	25.1	5.00	"	25.0		100	45-116				
2-Chloronaphthalene	18.4	5.00	"	25.0		73.7	33-112				
2-Chlorophenol	17.9	5.00	"	25.0		71.4	15-120				
2-Methylnaphthalene	18.2	5.00	"	25.0		72.9	24-118				
2-Methylphenol	16.9	5.00	"	25.0		67.6	10-110				
2-Nitroaniline	24.3	5.00	"	25.0		97.2	34-129				
2-Nitrophenol	21.4	5.00	"	25.0		85.5	28-118				
3- & 4-Methylphenols	14.3	5.00	"	25.0		57.0	10-107				
3,3-Dichlorobenzidine	15.1	5.00	"	25.0		60.4	15-187				
3-Nitroaniline	23.4	5.00	"	25.0		93.6	24-134				
4,6-Dinitro-2-methylphenol	31.8	5.00	"	25.0		127	10-153				
4-Bromophenyl phenyl ether	19.1	5.00	"	25.0		76.5	34-120				
4-Chloro-3-methylphenol	22.1	5.00	"	25.0		88.2	20-120				
4-Chloroaniline	19.1	5.00	"	25.0		76.4	10-147				
4-Chlorophenyl phenyl ether	18.7	5.00	"	25.0		74.8	27-121				
4-Nitroaniline	22.1	5.00	"	25.0		88.5	13-134				
4-Nitrophenol	13.4	5.00	"	25.0		53.6	10-131				
Acetophenone	21.2	5.00	"	25.0		84.8	25-110				
Aniline	16.9	5.00	"	25.0		67.6	10-117				
Benzaldehyde	19.7	5.00	"	25.0		79.0	29-117				
Benzoic acid	10.5	5.00	"	25.0		42.1	30-130				
Benzyl alcohol	16.8	5.00	"	25.0		67.1	10-117				
Benzyl butyl phthalate	22.4	5.00	"	25.0		89.6	29-133				
Bis(2-chloroethoxy)methane	20.7	5.00	"	25.0		82.8	10-154				
Bis(2-chloroethyl)ether	19.8	5.00	"	25.0		79.2	17-125				
Bis(2-chloroisopropyl)ether	24.7	5.00	"	25.0		99.0	10-139				
Caprolactam	5.49	5.00	"	25.0		22.0	10-137				
Carbazole	21.8	5.00	"	25.0		87.2	42-126				
Dibenzofuran	19.2	5.00	"	25.0		76.7	36-113				
Diethyl phthalate	20.0	5.00	"	25.0		80.0	38-115				
Dimethyl phthalate	20.1	5.00	"	25.0		80.3	38-129				
Di-n-butyl phthalate	21.7	5.00	"	25.0		86.8	31-120				
Di-n-octyl phthalate	23.0	5.00	"	25.0		92.0	21-149				
Hexachlorocyclopentadiene	12.3	10.0	"	25.0		49.2	10-130				
Isophorone	22.6	5.00	"	25.0		90.6	25-127				
N-nitroso-di-n-propylamine	22.6	5.00	"	25.0		90.4	26-122				
N-Nitrosodiphenylamine	24.1	5.00	"	25.0		96.3	23-149				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20004 - EPA 3510C											
LCS (BI20004-BS1) LCS							Prepared & Analyzed: 09/01/2022				
Phenol	10.3	5.00	ug/L	25.0		41.2	10-110				
Pyridine	15.3	5.00	"	25.5		59.9	10-90				
Surrogate: SURR: 2-Fluorophenol	*23.4*		*"*	*50.0*		*46.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*16.4*		*"*	*50.0*		*32.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*23.1*		*"*	*25.0*		*92.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.8*		*"*	*25.0*		*79.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*55.9*		*"*	*50.0*		*112*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.8*		*"*	*25.0*		*95.2*	*30.7-106*				
LCS (BI20004-BS2) LCS							Prepared & Analyzed: 09/01/2022				
Acenaphthene	0.740	0.0500	ug/L	1.00		74.0	25-116				
Acenaphthylene	0.730	0.0500	"	1.00		73.0	26-116				
Anthracene	0.770	0.0500	"	1.00		77.0	25-123				
Benzo(a)anthracene	0.820	0.0500	"	1.00		82.0	33-125				
Benzo(a)pyrene	0.700	0.0500	"	1.00		70.0	32-132				
Benzo(b)fluoranthene	0.820	0.0500	"	1.00		82.0	22-137				
Benzo(g,h,i)perylene	0.970	0.0500	"	1.00		97.0	10-138				
Benzo(k)fluoranthene	0.820	0.0500	"	1.00		82.0	20-137				
Bis(2-ethylhexyl)phthalate	1.40	0.500	"	1.00		140	10-189				
Chrysene	0.780	0.0500	"	1.00		78.0	32-124				
Dibenzo(a,h)anthracene	0.990	0.0500	"	1.00		99.0	16-133				
Fluoranthene	0.900	0.0500	"	1.00		90.0	32-121				
Fluorene	0.790	0.0500	"	1.00		79.0	28-118				
Hexachlorobenzene	0.890	0.0200	"	1.00		89.0	23-124				
Hexachlorobutadiene	0.780	0.500	"	1.00		78.0	15-123				
Hexachloroethane	3.52	0.500	"	1.00		352	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.970	0.0500	"	1.00		97.0	15-135				
Naphthalene	0.790	0.0500	"	1.00		79.0	18-120				
Nitrobenzene	1.06	0.250	"	1.00		106	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.82	0.250	"	1.00		182	10-156	High Bias			
Phenanthrene	0.860	0.0500	"	1.00		86.0	24-127				
Pyrene	0.740	0.0500	"	1.00		74.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20004 - EPA 3510C											
LCS Dup (BI20004-BSD1) LCS Dup							Prepared & Analyzed: 09/01/2022				
1,1-Biphenyl	19.9	5.00	ug/L	25.0		79.6	33-95		2.13	20	
1,2,4,5-Tetrachlorobenzene	18.7	5.00	"	25.0		74.7	26-120		3.88	20	
1,2,4-Trichlorobenzene	17.0	5.00	"	25.0		68.0	20-118		4.51	20	
1,2-Dichlorobenzene	17.0	5.00	"	25.0		68.2	29-111		4.56	20	
1,2-Diphenylhydrazine (as Azobenzene)	25.7	5.00	"	25.0		103	16-141		3.20	20	
1,3-Dichlorobenzene	16.6	5.00	"	25.0		66.3	23-117		3.63	20	
1,4-Dichlorobenzene	16.8	5.00	"	25.0		67.2	30-105		3.08	20	
2,3,4,6-Tetrachlorophenol	30.3	5.00	"	25.0		121	30-130		5.22	20	
2,4,5-Trichlorophenol	21.7	5.00	"	25.0		86.7	32-114		3.00	20	
2,4,6-Trichlorophenol	21.7	5.00	"	25.0		86.7	35-118		3.00	20	
2,4-Dichlorophenol	20.6	5.00	"	25.0		82.4	25-116		4.11	20	
2,4-Dimethylphenol	19.4	5.00	"	25.0		77.6	15-116		3.46	20	
2,4-Dinitrophenol	39.3	5.00	"	25.0		157	10-170		2.24	20	
2,4-Dinitrotoluene	26.5	5.00	"	25.0		106	41-128		3.38	20	
2,6-Dinitrotoluene	25.8	5.00	"	25.0		103	45-116		2.83	20	
2-Chloronaphthalene	19.3	5.00	"	25.0		77.2	33-112		4.72	20	
2-Chlorophenol	19.1	5.00	"	25.0		76.2	15-120		6.50	20	
2-Methylnaphthalene	19.1	5.00	"	25.0		76.3	24-118		4.61	20	
2-Methylphenol	18.0	5.00	"	25.0		72.1	10-110		6.41	20	
2-Nitroaniline	25.4	5.00	"	25.0		101	34-129		4.27	20	
2-Nitrophenol	22.8	5.00	"	25.0		91.1	28-118		6.34	20	
3- & 4-Methylphenols	15.1	5.00	"	25.0		60.4	10-107		5.79	20	
3,3-Dichlorobenzidine	14.8	5.00	"	25.0		59.4	15-187		1.80	20	
3-Nitroaniline	25.8	5.00	"	25.0		103	24-134		9.64	20	
4,6-Dinitro-2-methylphenol	33.4	5.00	"	25.0		134	10-153		4.84	20	
4-Bromophenyl phenyl ether	20.3	5.00	"	25.0		81.3	34-120		6.09	20	
4-Chloro-3-methylphenol	23.0	5.00	"	25.0		92.2	20-120		4.39	20	
4-Chloroaniline	21.8	5.00	"	25.0		87.2	10-147		13.1	20	
4-Chlorophenyl phenyl ether	19.3	5.00	"	25.0		77.1	27-121		3.11	20	
4-Nitroaniline	24.2	5.00	"	25.0		96.6	13-134		8.77	20	
4-Nitrophenol	13.4	5.00	"	25.0		53.6	10-131		0.0746	20	
Acetophenone	22.3	5.00	"	25.0		89.2	25-110		5.06	20	
Aniline	19.4	5.00	"	25.0		77.5	10-117		13.6	20	
Benzaldehyde	20.6	5.00	"	25.0		82.4	29-117		4.31	20	
Benzoic acid	9.42	5.00	"	25.0		37.7	30-130		11.1	20	
Benzyl alcohol	18.1	5.00	"	25.0		72.4	10-117		7.57	20	
Benzyl butyl phthalate	23.3	5.00	"	25.0		93.2	29-133		3.94	20	
Bis(2-chloroethoxy)methane	21.3	5.00	"	25.0		85.3	10-154		3.00	20	
Bis(2-chloroethyl)ether	20.6	5.00	"	25.0		82.5	17-125		4.01	20	
Bis(2-chloroisopropyl)ether	26.0	5.00	"	25.0		104	10-139		4.85	20	
Caprolactam	5.81	5.00	"	25.0		23.2	10-137		5.66	20	
Carbazole	22.5	5.00	"	25.0		90.2	42-126		3.38	20	
Dibenzofuran	20.0	5.00	"	25.0		79.9	36-113		4.04	20	
Diethyl phthalate	20.8	5.00	"	25.0		83.1	38-115		3.78	20	
Dimethyl phthalate	20.6	5.00	"	25.0		82.4	38-129		2.65	20	
Di-n-butyl phthalate	23.1	5.00	"	25.0		92.3	31-120		6.12	20	
Di-n-octyl phthalate	23.7	5.00	"	25.0		94.7	21-149		2.91	20	
Hexachlorocyclopentadiene	12.8	10.0	"	25.0		51.0	10-130		3.59	20	
Isophorone	23.1	5.00	"	25.0		92.5	25-127		2.10	20	
N-nitroso-di-n-propylamine	23.8	5.00	"	25.0		95.2	26-122		5.09	20	
N-Nitrosodiphenylamine	25.0	5.00	"	25.0		99.9	23-149		3.63	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20004 - EPA 3510C											
LCS Dup (BI20004-BSD1) LCS Dup							Prepared & Analyzed: 09/01/2022				
Phenol	10.5	5.00	ug/L	25.0		42.2	10-110		2.21	20	
Pyridine	16.4	5.00	"	25.5		64.3	10-90		7.07	20	
Surrogate: SURR: 2-Fluorophenol	*23.1*		*"*	*50.0*		*46.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*16.6*		*"*	*50.0*		*33.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*24.8*		*"*	*25.0*		*99.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.8*		*"*	*25.0*		*83.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*60.0*		*"*	*50.0*		*120*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*25.8*		*"*	*25.0*		*103*	*30.7-106*				
Batch BI20196 - EPA 3546 SVOA											
Blank (BI20196-BLK1) Blank							Prepared: 09/06/2022 Analyzed: 09/07/2022				
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20196 - EPA 3546 SVOA											
Blank (BI20196-BLK1) Blank									Prepared: 09/06/2022 Analyzed: 09/07/2022		
Benzo(a)anthracene	ND	0.0416	mg/kg wet								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.03*		*"*	*1.66*		*61.8*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.943*		*"*	*1.66*		*56.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.555*		*"*	*0.831*		*66.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.540*		*"*	*0.831*		*65.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.49*		*"*	*1.66*		*89.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.645*		*"*	*0.831*		*77.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20196 - EPA 3546 SVOA											
LCS (BI20196-BS1) LCS								Prepared: 09/06/2022 Analyzed: 09/07/2022			
1,1-Biphenyl	0.441	0.0416	mg/kg wet	0.831		53.1	18-111				
1,2,4,5-Tetrachlorobenzene	0.373	0.0830	"	0.831		44.9	21-131				
1,2,4-Trichlorobenzene	0.360	0.0416	"	0.831		43.3	10-140				
1,2-Dichlorobenzene	0.314	0.0416	"	0.831		37.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.286	0.0416	"	0.831		34.4	17-137				
1,3-Dichlorobenzene	0.307	0.0416	"	0.831		37.0	33-110				
1,4-Dichlorobenzene	0.316	0.0416	"	0.831		38.0	32-104				
2,3,4,6-Tetrachlorophenol	0.428	0.0830	"	0.831		51.6	30-130				
2,4,5-Trichlorophenol	0.357	0.0416	"	0.831		43.0	27-118				
2,4,6-Trichlorophenol	0.405	0.0416	"	0.831		48.7	31-120				
2,4-Dichlorophenol	0.359	0.0416	"	0.831		43.3	20-127				
2,4-Dimethylphenol	0.367	0.0416	"	0.831		44.2	14-132				
2,4-Dinitrophenol	0.207	0.0830	"	0.831		24.9	10-171				
2,4-Dinitrotoluene	0.368	0.0416	"	0.831		44.3	34-131				
2,6-Dinitrotoluene	0.397	0.0416	"	0.831		47.8	31-128				
2-Chloronaphthalene	0.317	0.0416	"	0.831		38.2	31-117				
2-Chlorophenol	0.314	0.0416	"	0.831		37.8	33-113				
2-Methylnaphthalene	0.344	0.0416	"	0.831		41.4	12-138				
2-Methylphenol	0.292	0.0416	"	0.831		35.2	10-136				
2-Nitroaniline	0.341	0.0830	"	0.831		41.0	27-132				
2-Nitrophenol	0.387	0.0416	"	0.831		46.6	17-129				
3- & 4-Methylphenols	0.263	0.0416	"	0.831		31.7	29-103				
3,3-Dichlorobenzidine	0.283	0.0416	"	0.831		34.1	22-149				
3-Nitroaniline	0.322	0.0830	"	0.831		38.8	20-133				
4,6-Dinitro-2-methylphenol	0.346	0.0830	"	0.831		41.7	10-143				
4-Bromophenyl phenyl ether	0.356	0.0416	"	0.831		42.9	29-120				
4-Chloro-3-methylphenol	0.359	0.0416	"	0.831		43.2	24-129				
4-Chloroaniline	0.259	0.0416	"	0.831		31.2	10-132				
4-Chlorophenyl phenyl ether	0.336	0.0416	"	0.831		40.5	27-124				
4-Nitroaniline	0.340	0.0830	"	0.831		40.9	16-128				
4-Nitrophenol	0.315	0.0830	"	0.831		37.9	10-141				
Acenaphthene	0.321	0.0416	"	0.831		38.6	30-121				
Acenaphthylene	0.297	0.0416	"	0.831		35.7	30-115				
Acetophenone	0.371	0.0416	"	0.831		44.7	20-112				
Aniline	0.239	0.166	"	0.831		28.8	10-119				
Anthracene	0.348	0.0416	"	0.831		41.9	34-118				
Atrazine	0.513	0.0416	"	0.831		61.8	26-112				
Benzaldehyde	0.399	0.0416	"	0.831		48.1	21-100				
Benzo(a)anthracene	0.341	0.0416	"	0.831		41.0	32-122				
Benzo(a)pyrene	0.331	0.0416	"	0.831		39.8	29-133				
Benzo(b)fluoranthene	0.360	0.0416	"	0.831		43.4	25-133				
Benzo(g,h,i)perylene	0.376	0.0416	"	0.831		45.2	10-143				
Benzo(k)fluoranthene	0.349	0.0416	"	0.831		42.0	25-128				
Benzoic acid	0.169	0.0416	"	0.831		20.4	10-140				
Benzyl alcohol	0.267	0.0416	"	0.831		32.2	30-115				
Benzyl butyl phthalate	0.324	0.0416	"	0.831		39.0	26-126				
Bis(2-chloroethoxy)methane	0.321	0.0416	"	0.831		38.6	19-132				
Bis(2-chloroethyl)ether	0.274	0.0416	"	0.831		33.0	19-125				
Bis(2-chloroisopropyl)ether	0.280	0.0416	"	0.831		33.7	20-135				
Bis(2-ethylhexyl)phthalate	0.328	0.0416	"	0.831		39.5	10-155				
Caprolactam	0.476	0.0830	"	0.831		57.4	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20196 - EPA 3546 SVOA											
LCS (BI20196-BS1) LCS							Prepared: 09/06/2022 Analyzed: 09/07/2022				
Carbazole	0.343	0.0416	mg/kg wet	0.831		41.2	35-123				
Chrysene	0.342	0.0416	"	0.831		41.1	32-123				
Dibenzo(a,h)anthracene	0.359	0.0416	"	0.831		43.2	10-136				
Dibenzofuran	0.331	0.0416	"	0.831		39.9	29-121				
Diethyl phthalate	0.330	0.0416	"	0.831		39.7	34-116				
Dimethyl phthalate	0.335	0.0416	"	0.831		40.4	35-124				
Di-n-butyl phthalate	0.322	0.0416	"	0.831		38.8	31-116				
Di-n-octyl phthalate	0.331	0.0416	"	0.831		39.9	26-136				
Fluoranthene	0.328	0.0416	"	0.831		39.5	33-122				
Fluorene	0.329	0.0416	"	0.831		39.6	29-123				
Hexachlorobenzene	0.324	0.0416	"	0.831		39.0	21-124				
Hexachlorobutadiene	0.385	0.0416	"	0.831		46.4	10-149				
Hexachlorocyclopentadiene	0.325	0.0416	"	0.831		39.1	10-129				
Hexachloroethane	0.312	0.0416	"	0.831		37.6	28-108				
Indeno(1,2,3-cd)pyrene	0.352	0.0416	"	0.831		42.4	10-135				
Isophorone	0.324	0.0416	"	0.831		39.0	20-132				
Naphthalene	0.345	0.0416	"	0.831		41.5	23-124				
Nitrobenzene	0.327	0.0416	"	0.831		39.3	13-132				
N-Nitrosodimethylamine	0.270	0.0416	"	0.831		32.5	11-129				
N-nitroso-di-n-propylamine	0.278	0.0416	"	0.831		33.5	24-119				
N-Nitrosodiphenylamine	0.391	0.0416	"	0.831		47.1	22-152				
Pentachlorophenol	0.371	0.0416	"	0.831		44.7	10-139				
Phenanthrene	0.340	0.0416	"	0.831		40.9	33-123				
Phenol	0.278	0.0416	"	0.831		33.5	23-115				
Pyrene	0.318	0.0416	"	0.831		38.3	24-130				
Pyridine	0.239	0.166	"	0.831		28.8	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.823*		*"*	*1.66*		*49.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.749*		*"*	*1.66*		*45.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.459*		*"*	*0.831*		*55.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.446*		*"*	*0.831*		*53.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.18*		*"*	*1.66*		*70.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.511*		*"*	*0.831*		*61.6*	*24-116*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20079 - % Solids Prep											
Duplicate (BI20079-DUP1) Duplicate	*Source sample: 22I0066-01 (Duplicate)							Prepared & Analyzed: 09/02/2022			
% Solids	95.8	0.100	%		95.9				0.159	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22H1613-01	SB02_0.5-2.5	40mL Vial with Stir Bar-Cool 4° C
22H1613-03	FB20220826	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22H1613-04	SB01_0.5-2.5	40mL Vial with Stir Bar-Cool 4° C
22H1613-05	DUP20220826	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 22H1615

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675 | Page ____ of ____

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENGINEERING	Company:	Company:	~~15 857 010~~ 10 1015501	RUSH - Next Day
Address: 360 W 31st STREET, 8th Floor NEW YORK NY 10001	Address:	Address:	YOUR Project Name: 16-B COD 1	RUSH - Two Day
Phone.: ~~212-347-2882~~ 347-527-0691	Phone.:	Phone.:		RUSH - Three Day
Contact: MAT FRANKEL	Contact: CMCMAHON@LANGAN.COM	Contact:		RUSH - Four Day
E-mail: MFRANKEL@LANGAN.COM	E-mail: CKOTT@LANGAN.COM	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York ✓	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
DW - drinking water	Connecticut	NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS	
WW - wastewater	Pennsylvania	NY ASP B Package		NJDEP SRP HazSite	
O - Oil / Other	Other:		NJDKQP	Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB02-0.5-2.5	S	8/26/22 11:20	VOCs, SVOCs	3VOA, 1VIAL, 1 8oz glass
SB02-8.5-10.5	S	8/26/22 11:30	VOCs, SVOCs - HOLD	— " —
FB20220826	DI	8/26/22 12:00	VOCs, SVOCs	3 glass Amb, 3VOAs
SB01-0.5-2.5	S	8/26/22 12:05	— " —	3VOA, 1VIAL, 1 8oz glass
DUP20220826	S	8/26/22 12:15	— " —	— " —
SB01-3.0-5.0	S	8/26/22 12:25	— " — - HOLD	— " —

Comments:

Preservation: (check all that apply)
HCl ✓ MeOH ✓ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction
Field Filtered
Lab to Filter

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
LANGAN	8/26/22 14:20		8/26/22 1420		8.26.22 1746
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
I.B	8.26.22 1746	I.B	8.26.22 1955		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					8/26/22 1955 / 4.2 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Christopher McMahon

Report Date: 09/08/2022
Client Project ID: 101015501
York Project (SDG) No.: 22H1677

Report Date: 09/08/2022
Client Project ID: 101015501
York Project (SDG) No.: 22H1677

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Christopher McMahon

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 29, 2022 and listed below. The project was identified as your project: **101015501**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22H1677-02	SB03_0.5-2.5	Soil	08/29/2022	08/29/2022
22H1677-03	SB04_20-22	Soil	08/29/2022	08/29/2022
22H1677-04	TMW04	Water	08/29/2022	08/29/2022
22H1677-05	TMW06	Water	08/29/2022	08/29/2022
22H1677-06	SB06_18-20	Soil	08/29/2022	08/29/2022
22H1677-07	SB05_2-3	Soil	08/29/2022	08/29/2022
22H1677-09	Trip Blank	Water	08/29/2022	08/29/2022

General Notes for York Project (SDG) No.: 22H1677

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 09/08/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **SB03_0.5-2.5** **York Sample ID:** **22H1677-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 9:30 am	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB03_0.5-2.5** **York Sample ID:** **22H1677-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 9:30 am	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.022**		mg/kg dry	0.0042	0.0084	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_0.5-2.5 **York Sample ID:** 22H1677-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 9:30 am	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB03_0.5-2.5** **York Sample ID:** **22H1677-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 9:30 am	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**0.0022**	J	mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**0.0030**	J	mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*129 %*	S-03	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.0 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.4 %*		*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: **SB03_0.5-2.5** **York Sample ID:** **22H1677-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 9:30 am	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/06/2022 14:47	09/07/2022 12:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB03_0.5-2.5** **York Sample ID:** **22H1677-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 9:30 am	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
62-53-3	Aniline	ND		mg/kg dry	0.183	0.365	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.365	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
56-55-3	**Benzo(a)anthracene**	**0.0554**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
50-32-8	**Benzo(a)pyrene**	**0.0547**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
205-99-2	**Benzo(b)fluoranthene**	**0.0459**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH

Sample Information

Client Sample ID: **SB03_0.5-2.5** **York Sample ID:** **22H1677-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 9:30 am	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
218-01-9	**Chrysene**	**0.0540**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
206-44-0	**Fluoranthene**	**0.0941**		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH

Sample Information

Client Sample ID: **SB03_0.5-2.5** **York Sample ID:** **22H1677-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 9:30 am	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
85-01-8	**Phenanthrene**	**0.0693**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
129-00-0	**Pyrene**	**0.0751**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.365	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 12:29	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*64.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.7 %*	*24-116*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.9**		%	0.100	1	SM 2540G Certifications: CTDOH	09/08/2022 09:50	09/08/2022 11:30	LAR

Sample Information

Client Sample ID: **SB04_20-22** **York Sample ID:** **22H1677-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 10:30 am	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB04_20-22** **York Sample ID:** **22H1677-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 10:30 am	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.041	0.083	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.013**		mg/kg dry	0.0041	0.0083	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0041	0.0083	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB04_20-22** **York Sample ID:** **22H1677-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 10:30 am	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0041	0.0083	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0083	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB04_20-22** **York Sample ID:** **22H1677-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 10:30 am	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**0.0024**	J	mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**0.0041**		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C	09/02/2022 06:32	09/03/2022 00:43	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*125 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.6 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: **SB04_20-22** **York Sample ID:** **22H1677-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 10:30 am	08/29/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB04_20-22 **York Sample ID:** 22H1677-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 10:30 am	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
62-53-3	Aniline	ND		mg/kg dry	0.176	0.352	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.352	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:00	KH

Sample Information

Client Sample ID: SB04_20-22 **York Sample ID:** 22H1677-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 10:30 am	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB04_20-22** **York Sample ID:** **22H1677-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 10:30 am	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:00	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*75.5 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*66.8 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.8 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.4 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*117 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.5 %*		*24-116*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.3**		%	0.100	1	SM 2540G	09/08/2022 09:50	09/08/2022 11:30	LAR
							Certifications: CTDOH			

Sample Information

Client Sample ID: TMW04 | **York Sample ID:** 22H1677-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 11:35 am	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TMW04 | **York Sample ID:** 22H1677-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 11:35 am	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**7.51**	CCVE	ug/L	1.00	2.00	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.320**	J	ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TMW04 | **York Sample ID:** 22H1677-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 11:35 am	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	**cis-1,2-Dichloroethylene**	**26.0**		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TMW04 | **York Sample ID:** 22H1677-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 11:35 am	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**53.2**		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	**trans-1,2-Dichloroethylene**	**1.09**		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**84.0**		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	09/02/2022 06:22	09/02/2022 22:56	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: TMW04 | **York Sample ID:** 22H1677-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 11:35 am	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	09/02/2022 08:07	09/02/2022 15:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: TMW04 | **York Sample ID:** 22H1677-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 11:35 am	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.13	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
92-87-5	Benzidine	ND		ug/L	5.13	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
65-85-0	Benzoic acid	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	10.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH

Sample Information

Client Sample ID: TMW04 | **York Sample ID:** 22H1677-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 11:35 am	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*34.3 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*22.5 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.8 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*87.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.1 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.236**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:08	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:08	KH
120-12-7	**Anthracene**	**0.215**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:08	KH
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2022 08:07	09/02/2022 15:08	KH
56-55-3	**Benzo(a)anthracene**	**0.205**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:08	KH
50-32-8	**Benzo(a)pyrene**	**0.185**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:08	KH
205-99-2	**Benzo(b)fluoranthene**	**0.164**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:08	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.144**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:08	KH
207-08-9	**Benzo(k)fluoranthene**	**0.164**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:08	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2022 08:07	09/02/2022 15:08	KH
218-01-9	**Chrysene**	**0.185**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:08	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:08	KH

Sample Information

Client Sample ID: **TMW04** **York Sample ID:** **22H1677-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 11:35 am	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**0.779**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:08	KH
86-73-7	**Fluorene**	**0.226**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:08	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2022 08:07	09/02/2022 15:08	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2022 08:07	09/02/2022 15:08	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2022 08:07	09/02/2022 15:08	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.133**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:08	KH
91-20-3	**Naphthalene**	**0.328**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:08	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2022 08:07	09/02/2022 15:08	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2022 08:07	09/02/2022 15:08	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2022 08:07	09/02/2022 15:08	KH
85-01-8	**Phenanthrene**	**0.964**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:08	KH
129-00-0	**Pyrene**	**0.482**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:08	KH

Sample Information

Client Sample ID: TMW06 | **York Sample ID:** 22H1677-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 2:00 pm	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **TMW06** **York Sample ID:** **22H1677-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 2:00 pm	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**1.99**		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**9.74**		ug/L	1.00	2.00	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.240**	J	ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	**Chloromethane**	**0.370**	J	ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TMW06 | **York Sample ID:** 22H1677-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 2:00 pm	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	**cis-1,2-Dichloroethylene**	**0.920**		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**2.02**	Cal-E	ug/L	0.500	1.00	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TMW06 **York Sample ID:** 22H1677-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 2:00 pm	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**17.3**		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.360**	J	ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**39.3**		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	09/07/2022 06:42	09/07/2022 14:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.8 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:** EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: TMW06 | **York Sample ID:** 22H1677-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 2:00 pm	08/29/2022

Semi-Volatiles, 8270 Comprehensive | **Log-in Notes:** | **Sample Notes:** EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D	09/02/2022 08:07	09/02/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: TMW06 | **York Sample ID:** 22H1677-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 2:00 pm	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.71	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
98-86-2	Acetophenone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
62-53-3	Aniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
100-52-7	Benzaldehyde	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
92-87-5	Benzidine	ND		ug/L	5.71	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
65-85-0	Benzoic acid	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.14	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
105-60-2	Caprolactam	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
86-74-8	Carbazole	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
132-64-9	Dibenzofuran	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.71	11.4	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
78-59-1	Isophorone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH

Sample Information

Client Sample ID: TMW06 | **York Sample ID:** 22H1677-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 2:00 pm	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
108-95-2	Phenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH
110-86-1	Pyridine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 16:10	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.5 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*34.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*89.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.6 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*97.5 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.1 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
120-12-7	Anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
1912-24-9	Atrazine	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2022 08:07	09/02/2022 15:40	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.754**		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2022 08:07	09/02/2022 15:40	KH
218-01-9	Chrysene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH

Sample Information

Client Sample ID: TMW06 **York Sample ID:** 22H1677-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 2:00 pm	08/29/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
86-73-7	Fluorene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2022 08:07	09/02/2022 15:40	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2022 08:07	09/02/2022 15:40	KH
67-72-1	Hexachloroethane	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2022 08:07	09/02/2022 15:40	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
91-20-3	Naphthalene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
98-95-3	Nitrobenzene	ND		ug/L	0.286	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2022 08:07	09/02/2022 15:40	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2022 08:07	09/02/2022 15:40	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.286	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	09/02/2022 08:07	09/02/2022 15:40	KH
85-01-8	Phenanthrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH
129-00-0	Pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/02/2022 08:07	09/02/2022 15:40	KH

Sample Information

Client Sample ID: **SB06_18-20** **York Sample ID:** **22H1677-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 2:25 pm	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB06_18-20 **York Sample ID:** 22H1677-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 2:25 pm	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB06_18-20 **York Sample ID:** 22H1677-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 2:25 pm	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB06_18-20 **York Sample ID:** 22H1677-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 2:25 pm	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	09/02/2022 06:32	09/03/2022 01:13	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*127 %*	S-03	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.1 %*		*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0839	0.168	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB06_18-20 **York Sample ID:** 22H1677-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 2:25 pm	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0839	0.168	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0839	0.168	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0839	0.168	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0839	0.168	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0839	0.168	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB06_18-20 **York Sample ID:** 22H1677-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 2:25 pm	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0839	0.168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0839	0.168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
62-53-3	Aniline	ND		mg/kg dry	0.168	0.336	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
92-87-5	Benzidine	ND		mg/kg dry	0.168	0.336	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 13:31	KH

Sample Information

Client Sample ID: **SB06_18-20** **York Sample ID:** **22H1677-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 2:25 pm	08/29/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0839	0.168	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB06_18-20** **York Sample ID:** **22H1677-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 2:25 pm	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		mg/kg dry	0.0421	0.0839	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.168	0.336	2	EPA 8270D	09/06/2022 14:47	09/07/2022 13:31	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.3 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*54.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*83.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.2 %*	*24-116*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.8**		%	0.100	1	SM 2540G	09/08/2022 09:50	09/08/2022 11:30	LAR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB05_2-3 **York Sample ID:** 22H1677-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 12:55 pm	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_2-3 **York Sample ID:** 22H1677-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 12:55 pm	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.096	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_2-3 **York Sample ID:** 22H1677-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 12:55 pm	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB05_2-3** **York Sample ID:** **22H1677-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 12:55 pm	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**0.015**	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**0.020**		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	09/08/2022 06:43	09/08/2022 13:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*123 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*119 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB05_2-3 **York Sample ID:** 22H1677-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 12:55 pm	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB05_2-3 **York Sample ID:** 22H1677-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 12:55 pm	08/29/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
208-96-8	**Acenaphthylene**	**0.0549**	J	mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
62-53-3	Aniline	ND		mg/kg dry	0.183	0.366	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
120-12-7	**Anthracene**	**0.0563**	J	mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
56-55-3	**Benzo(a)anthracene**	**0.229**		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
50-32-8	**Benzo(a)pyrene**	**0.203**		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
205-99-2	**Benzo(b)fluoranthene**	**0.162**		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.116**		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
207-08-9	**Benzo(k)fluoranthene**	**0.187**		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH

Sample Information

Client Sample ID: **SB05_2-3** **York Sample ID:** **22H1677-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 12:55 pm	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
218-01-9	**Chrysene**	**0.220**		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
206-44-0	**Fluoranthene**	**0.399**		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.102**		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/06/2022 14:47	09/07/2022 14:03	KH

Sample Information

Client Sample ID: **SB05_2-3** **York Sample ID:** **22H1677-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Soil	August 29, 2022 12:55 pm	08/29/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**0.173**		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.340**		mg/kg dry	0.0459	0.0915	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	09/06/2022 14:47	09/07/2022 14:03	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*42.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.3 %*	*24-116*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.8**		%	0.100	1	SM 2540G	09/08/2022 09:50	09/08/2022 11:30	LAR
							Certifications: CTDOH			

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **22H1677-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 3:00 pm	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **22H1677-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 3:00 pm	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.420**	J	ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**2.73**	CCVE	ug/L	1.00	2.00	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **22H1677-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 3:00 pm	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**1.42**	J	ug/L	1.00	2.00	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**4.95**	Cal-E, CCVE, ICVE	ug/L	0.500	1.00	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **22H1677-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H1677	101015501	Water	August 29, 2022 3:00 pm	08/29/2022

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	09/02/2022 06:22	09/02/2022 20:08	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*79-122*

Analytical Batch Summary

Batch ID: BH21847 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22H1677-02	SB03_0.5-2.5	09/02/22
22H1677-03	SB04_20-22	09/02/22
22H1677-06	SB06_18-20	09/02/22
BH21847-BLK1	Blank	09/02/22
BH21847-BS1	LCS	09/02/22
BH21847-BSD1	LCS Dup	09/02/22

Batch ID: BH21854 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22H1677-07	SB05_2-3	09/08/22
BH21854-BLK1	Blank	09/08/22
BH21854-BS1	LCS	09/08/22
BH21854-BSD1	LCS Dup	09/08/22

Batch ID: BI20089 **Preparation Method:** EPA 3510C **Prepared By:** CCH

YORK Sample ID	Client Sample ID	Preparation Date
22H1677-04	TMW04	09/02/22
22H1677-05	TMW06	09/02/22
BI20089-BLK1	Blank	09/02/22
BI20089-BLK2	Blank	09/02/22
BI20089-BS1	LCS	09/02/22
BI20089-BS2	LCS	09/02/22
BI20089-BSD1	LCS Dup	09/02/22

Batch ID: BI20135 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22H1677-04	TMW04	09/02/22
22H1677-09	Trip Blank	09/02/22
BI20135-BLK1	Blank	09/02/22
BI20135-BS1	LCS	09/02/22
BI20135-BSD1	LCS Dup	09/02/22

Batch ID: BI20196 **Preparation Method:** EPA 3546 SVOA **Prepared By:** FG

YORK Sample ID	Client Sample ID	Preparation Date
22H1677-02	SB03_0.5-2.5	09/06/22
22H1677-03	SB04_20-22	09/06/22
22H1677-06	SB06_18-20	09/06/22
22H1677-07	SB05_2-3	09/06/22
BI20196-BLK1	Blank	09/06/22

BI20196-BS1	LCS	09/06/22
BI20196-MS1	Matrix Spike	09/06/22
BI20196-MSD1	Matrix Spike Dup	09/06/22

Batch ID: BI20260 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22H1677-05	TMW06	09/07/22
BI20260-BLK1	Blank	09/07/22
BI20260-BS1	LCS	09/07/22
BI20260-BSD1	LCS Dup	09/07/22

Batch ID: BI20320 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
22H1677-02	SB03_0.5-2.5	09/08/22
22H1677-03	SB04_20-22	09/08/22
22H1677-06	SB06_18-20	09/08/22
22H1677-07	SB05_2-3	09/08/22
BI20320-DUP1	Duplicate	09/08/22

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21847 - EPA 5035A											
Blank (BH21847-BLK1) Blank									Prepared & Analyzed: 09/02/2022		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21847 - EPA 5035A											
Blank (BH21847-BLK1) Blank								Prepared & Analyzed: 09/02/2022			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*59.3*		*ug/L*	*50.0*		*119*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.3*		*"*	*50.0*		*94.6*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21847 - EPA 5035A											
LCS (BH21847-BS1) LCS							Prepared & Analyzed: 09/02/2022				
1,1,1,2-Tetrachloroethane	58.6		ug/L	50.0		117	75-129				
1,1,1-Trichloroethane	55.4		"	50.0		111	71-137				
1,1,2,2-Tetrachloroethane	46.9		"	50.0		93.8	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.3		"	50.0		109	58-146				
1,1,2-Trichloroethane	51.3		"	50.0		103	83-123				
1,1-Dichloroethane	49.5		"	50.0		98.9	75-130				
1,1-Dichloroethylene	51.2		"	50.0		102	64-137				
1,1-Dichloropropylene	48.5		"	50.0		96.9	77-127				
1,2,3-Trichlorobenzene	51.0		"	50.0		102	81-140				
1,2,3-Trichloropropane	54.4		"	50.0		109	81-126				
1,2,4-Trichlorobenzene	49.9		"	50.0		99.9	80-141				
1,2,4-Trimethylbenzene	48.6		"	50.0		97.2	84-125				
1,2-Dibromo-3-chloropropane	47.3		"	50.0		94.6	74-142				
1,2-Dibromoethane	55.0		"	50.0		110	86-123				
1,2-Dichlorobenzene	48.8		"	50.0		97.5	85-122				
1,2-Dichloroethane	58.0		"	50.0		116	71-133				
1,2-Dichloropropane	48.0		"	50.0		95.9	81-122				
1,3,5-Trimethylbenzene	47.7		"	50.0		95.4	82-126				
1,3-Dichlorobenzene	48.4		"	50.0		96.9	84-124				
1,3-Dichloropropane	51.7		"	50.0		103	83-123				
1,4-Dichlorobenzene	47.6		"	50.0		95.2	84-124				
1,4-Dioxane	984		"	1050		93.7	10-228				
2,2-Dichloropropane	51.5		"	50.0		103	67-136				
2-Butanone	3.39		"	50.0		6.78	58-147	Low Bias			
2-Chlorotoluene	47.5		"	50.0		95.1	78-127				
2-Hexanone	47.2		"	50.0		94.4	70-139				
4-Chlorotoluene	46.2		"	50.0		92.4	79-125				
4-Methyl-2-pentanone	48.8		"	50.0		97.6	72-132				
Acetone	37.4		"	50.0		74.9	36-155				
Acrolein	16.0		"	50.0		31.9	10-238				
Acrylonitrile	43.4		"	50.0		86.9	66-141				
Benzene	46.4		"	50.0		92.8	77-127				
Bromobenzene	47.2		"	50.0		94.4	77-129				
Bromochloromethane	47.2		"	50.0		94.3	74-129				
Bromodichloromethane	56.1		"	50.0		112	81-124				
Bromoform	55.3		"	50.0		111	80-136				
Bromomethane	46.4		"	50.0		92.8	32-177				
Carbon disulfide	38.4		"	50.0		76.8	10-136				
Carbon tetrachloride	57.8		"	50.0		116	66-143				
Chlorobenzene	51.5		"	50.0		103	86-120				
Chloroethane	46.0		"	50.0		91.9	51-142				
Chloroform	53.7		"	50.0		107	76-131				
Chloromethane	12.5		"	50.0		25.1	49-132	Low Bias			
cis-1,2-Dichloroethylene	49.7		"	50.0		99.5	74-132				
cis-1,3-Dichloropropylene	53.4		"	50.0		107	81-129				
Cyclohexane	41.5		"	50.0		83.0	70-130				
Dibromochloromethane	59.8		"	50.0		120	10-200				
Dibromomethane	52.5		"	50.0		105	83-124				
Dichlorodifluoromethane	31.8		"	50.0		63.7	28-158				
Ethyl Benzene	49.9		"	50.0		99.8	84-125				
Hexachlorobutadiene	54.3		"	50.0		109	83-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21847 - EPA 5035A											
LCS (BH21847-BS1) LCS							Prepared & Analyzed: 09/02/2022				
Isopropylbenzene	48.0		ug/L	50.0		96.0	81-127				
Methyl acetate	39.9		"	50.0		79.8	41-143				
Methyl tert-butyl ether (MTBE)	52.2		"	50.0		104	74-131				
Methylcyclohexane	44.2		"	50.0		88.3	70-130				
Methylene chloride	47.0		"	50.0		93.9	57-141				
n-Butylbenzene	44.8		"	50.0		89.6	80-130				
n-Propylbenzene	45.8		"	50.0		91.6	74-136				
o-Xylene	53.2		"	50.0		106	83-123				
p- & m- Xylenes	103		"	100		103	82-128				
p-Isopropyltoluene	48.6		"	50.0		97.2	85-125				
sec-Butylbenzene	46.7		"	50.0		93.4	83-125				
Styrene	51.4		"	50.0		103	86-126				
tert-Butyl alcohol (TBA)	296		"	250		118	70-130				
tert-Butylbenzene	49.9		"	50.0		99.9	80-127				
Tetrachloroethylene	45.4		"	50.0		90.7	80-129				
Toluene	46.7		"	50.0		93.4	85-121				
trans-1,2-Dichloroethylene	49.3		"	50.0		98.6	72-132				
trans-1,3-Dichloropropylene	49.8		"	50.0		99.5	78-132				
Trichloroethylene	49.9		"	50.0		99.7	84-123				
Trichlorofluoromethane	48.4		"	50.0		96.8	62-140				
Vinyl acetate	34.4		"	50.0		68.9	67-136				
Vinyl Chloride	41.5		"	50.0		82.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*57.1*		*"*	*50.0*		*114*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.3*	*76-130*				
LCS Dup (BH21847-BSD1) LCS Dup							Prepared & Analyzed: 09/02/2022				
1,1,1,2-Tetrachloroethane	59.3		ug/L	50.0		119	75-129		1.09	30	
1,1,1-Trichloroethane	56.2		"	50.0		112	71-137		1.45	30	
1,1,2,2-Tetrachloroethane	47.5		"	50.0		95.0	79-129		1.25	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.2		"	50.0		108	58-146		0.148	30	
1,1,2-Trichloroethane	51.3		"	50.0		103	83-123		0.0195	30	
1,1-Dichloroethane	50.0		"	50.0		99.9	75-130		1.01	30	
1,1-Dichloroethylene	51.8		"	50.0		104	64-137		1.18	30	
1,1-Dichloropropylene	48.9		"	50.0		97.7	77-127		0.801	30	
1,2,3-Trichlorobenzene	50.3		"	50.0		101	81-140		1.44	30	
1,2,3-Trichloropropane	54.7		"	50.0		109	81-126		0.532	30	
1,2,4-Trichlorobenzene	48.7		"	50.0		97.5	80-141		2.45	30	
1,2,4-Trimethylbenzene	47.8		"	50.0		95.7	84-125		1.62	30	
1,2-Dibromo-3-chloropropane	46.9		"	50.0		93.9	74-142		0.785	30	
1,2-Dibromoethane	56.1		"	50.0		112	86-123		2.12	30	
1,2-Dichlorobenzene	47.7		"	50.0		95.3	85-122		2.28	30	
1,2-Dichloroethane	3.33		"	50.0		6.66	71-133	Low Bias	178	30	Non-dir.
1,2-Dichloropropane	48.8		"	50.0		97.6	81-122		1.76	30	
1,3,5-Trimethylbenzene	46.9		"	50.0		93.8	82-126		1.63	30	
1,3-Dichlorobenzene	47.4		"	50.0		94.7	84-124		2.23	30	
1,3-Dichloropropane	51.7		"	50.0		103	83-123		0.135	30	
1,4-Dichlorobenzene	46.7		"	50.0		93.3	84-124		2.02	30	
1,4-Dioxane	1020		"	1050		97.5	10-228		3.96	30	
2,2-Dichloropropane	51.8		"	50.0		104	67-136		0.658	30	
2-Butanone	45.4		"	50.0		90.9	58-147		172	30	Non-dir.

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21847 - EPA 5035A											
LCS Dup (BH21847-BSD1) LCS Dup								Prepared & Analyzed: 09/02/2022			
2-Chlorotoluene	47.9		ug/L	50.0		95.8	78-127		0.817	30	
2-Hexanone	48.8		"	50.0		97.6	70-139		3.42	30	
4-Chlorotoluene	50.8		"	50.0		102	79-125		9.49	30	
4-Methyl-2-pentanone	50.6		"	50.0		101	72-132		3.54	30	
Acetone	39.3		"	50.0		78.6	36-155		4.85	30	
Acrolein	13.8		"	50.0		27.6	10-238		14.7	30	
Acrylonitrile	46.0		"	50.0		92.0	66-141		5.73	30	
Benzene	47.7		"	50.0		95.4	77-127		2.76	30	
Bromobenzene	46.8		"	50.0		93.7	77-129		0.787	30	
Bromochloromethane	48.2		"	50.0		96.4	74-129		2.20	30	
Bromodichloromethane	56.4		"	50.0		113	81-124		0.462	30	
Bromoform	56.6		"	50.0		113	80-136		2.38	30	
Bromomethane	46.4		"	50.0		92.9	32-177		0.0646	30	
Carbon disulfide	47.8		"	50.0		95.5	10-136		21.8	30	
Carbon tetrachloride	58.1		"	50.0		116	66-143		0.518	30	
Chlorobenzene	51.6		"	50.0		103	86-120		0.233	30	
Chloroethane	49.4		"	50.0		98.8	51-142		7.20	30	
Chloroform	54.9		"	50.0		110	76-131		2.23	30	
Chloromethane	12.2		"	50.0		24.3	49-132	Low Bias	3.16	30	
cis-1,2-Dichloroethylene	50.4		"	50.0		101	74-132		1.38	30	
cis-1,3-Dichloropropylene	54.4		"	50.0		109	81-129		1.82	30	
Cyclohexane	42.3		"	50.0		84.6	70-130		1.91	30	
Dibromochloromethane	60.8		"	50.0		122	10-200		1.67	30	
Dibromomethane	53.3		"	50.0		107	83-124		1.49	30	
Dichlorodifluoromethane	33.1		"	50.0		66.2	28-158		3.97	30	
Ethyl Benzene	50.2		"	50.0		100	84-125		0.619	30	
Hexachlorobutadiene	53.2		"	50.0		106	83-133		2.06	30	
Isopropylbenzene	48.3		"	50.0		96.6	81-127		0.685	30	
Methyl acetate	42.2		"	50.0		84.4	41-143		5.68	30	
Methyl tert-butyl ether (MTBE)	52.5		"	50.0		105	74-131		0.707	30	
Methylcyclohexane	43.7		"	50.0		87.4	70-130		1.07	30	
Methylene chloride	48.0		"	50.0		96.1	57-141		2.29	30	
n-Butylbenzene	44.5		"	50.0		89.0	80-130		0.672	30	
n-Propylbenzene	45.6		"	50.0		91.3	74-136		0.394	30	
o-Xylene	54.0		"	50.0		108	83-123		1.49	30	
p- & m- Xylenes	103		"	100		103	82-128		0.311	30	
p-Isopropyltoluene	47.9		"	50.0		95.8	85-125		1.47	30	
sec-Butylbenzene	46.5		"	50.0		92.9	83-125		0.472	30	
Styrene	50.6		"	50.0		101	86-126		1.53	30	
tert-Butyl alcohol (TBA)	312		"	250		125	70-130		5.45	30	
tert-Butylbenzene	49.6		"	50.0		99.1	80-127		0.764	30	
Tetrachloroethylene	45.9		"	50.0		91.9	80-129		1.25	30	
Toluene	46.8		"	50.0		93.6	85-121		0.192	30	
trans-1,2-Dichloroethylene	50.4		"	50.0		101	72-132		2.13	30	
trans-1,3-Dichloropropylene	49.4		"	50.0		98.7	78-132		0.827	30	
Trichloroethylene	49.4		"	50.0		98.8	84-123		0.947	30	
Trichlorofluoromethane	49.2		"	50.0		98.3	62-140		1.60	30	
Vinyl acetate	36.3		"	50.0		72.7	67-136		5.31	30	
Vinyl Chloride	42.5		"	50.0		85.0	52-130		2.50	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*57.4*		*"*	*50.0*		*115*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.1*		*"*	*50.0*		*98.2*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21847 - EPA 5035A											
LCS Dup (BH21847-BSD1) LCS Dup								Prepared & Analyzed: 09/02/2022			
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*ug/L*	*50.0*		*97.0*	*76-130*				
Batch BH21854 - EPA 5035A											
Blank (BH21854-BLK1) Blank								Prepared & Analyzed: 09/08/2022			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21854 - EPA 5035A											
Blank (BH21854-BLK1) Blank								Prepared & Analyzed: 09/08/2022			
Dibromochloromethane	ND	0.0050	mg/kg wet								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*58.0*		*ug/L*	*50.0*		*116*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.0*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*60.5*		*"*	*50.0*		*121*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21854 - EPA 5035A											
LCS (BH21854-BS1) LCS							Prepared & Analyzed: 09/08/2022				
1,1,1,2-Tetrachloroethane	51.5		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	48.5		"	50.0		97.1	71-137				
1,1,2,2-Tetrachloroethane	53.5		"	50.0		107	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35.8		"	50.0		71.6	58-146				
1,1,2-Trichloroethane	47.5		"	50.0		94.9	83-123				
1,1-Dichloroethane	42.3		"	50.0		84.6	75-130				
1,1-Dichloroethylene	41.9		"	50.0		83.8	64-137				
1,1-Dichloropropylene	41.6		"	50.0		83.2	77-127				
1,2,3-Trichlorobenzene	47.2		"	50.0		94.4	81-140				
1,2,3-Trichloropropane	56.8		"	50.0		114	81-126				
1,2,4-Trichlorobenzene	51.9		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	55.3		"	50.0		111	84-125				
1,2-Dibromo-3-chloropropane	63.9		"	50.0		128	74-142				
1,2-Dibromoethane	48.8		"	50.0		97.6	86-123				
1,2-Dichlorobenzene	47.0		"	50.0		93.9	85-122				
1,2-Dichloroethane	51.2		"	50.0		102	71-133				
1,2-Dichloropropane	47.6		"	50.0		95.1	81-122				
1,3,5-Trimethylbenzene	55.0		"	50.0		110	82-126				
1,3-Dichlorobenzene	47.2		"	50.0		94.4	84-124				
1,3-Dichloropropane	49.4		"	50.0		98.8	83-123				
1,4-Dichlorobenzene	47.7		"	50.0		95.5	84-124				
1,4-Dioxane	1340		"	1050		127	10-228				
2,2-Dichloropropane	53.3		"	50.0		107	67-136				
2-Butanone	42.9		"	50.0		85.8	58-147				
2-Chlorotoluene	55.6		"	50.0		111	78-127				
2-Hexanone	60.5		"	50.0		121	70-139				
4-Chlorotoluene	58.1		"	50.0		116	79-125				
4-Methyl-2-pentanone	45.6		"	50.0		91.1	72-132				
Acetone	40.4		"	50.0		80.8	36-155				
Acrolein	32.1		"	50.0		64.2	10-238				
Acrylonitrile	42.8		"	50.0		85.6	66-141				
Benzene	39.8		"	50.0		79.6	77-127				
Bromobenzene	56.2		"	50.0		112	77-129				
Bromochloromethane	43.8		"	50.0		87.6	74-129				
Bromodichloromethane	56.3		"	50.0		113	81-124				
Bromoform	48.4		"	50.0		96.7	80-136				
Bromomethane	34.6		"	50.0		69.3	32-177				
Carbon disulfide	29.7		"	50.0		59.4	10-136				
Carbon tetrachloride	50.9		"	50.0		102	66-143				
Chlorobenzene	48.7		"	50.0		97.4	86-120				
Chloroethane	34.8		"	50.0		69.7	51-142				
Chloroform	46.7		"	50.0		93.3	76-131				
Chloromethane	16.3		"	50.0		32.6	49-132	Low Bias			
cis-1,2-Dichloroethylene	44.6		"	50.0		89.1	74-132				
cis-1,3-Dichloropropylene	54.7		"	50.0		109	81-129				
Cyclohexane	36.3		"	50.0		72.6	70-130				
Dibromochloromethane	54.0		"	50.0		108	10-200				
Dibromomethane	51.0		"	50.0		102	83-124				
Dichlorodifluoromethane	4.69		"	50.0		9.38	28-158	Low Bias			
Ethyl Benzene	51.3		"	50.0		103	84-125				
Hexachlorobutadiene	54.5		"	50.0		109	83-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21854 - EPA 5035A											
LCS (BH21854-BS1) LCS							Prepared & Analyzed: 09/08/2022				
Isopropylbenzene	56.5		ug/L	50.0		113	81-127				
Methyl acetate	39.2		"	50.0		78.5	41-143				
Methyl tert-butyl ether (MTBE)	42.8		"	50.0		85.6	74-131				
Methylcyclohexane	40.7		"	50.0		81.5	70-130				
Methylene chloride	41.0		"	50.0		81.9	57-141				
n-Butylbenzene	57.9		"	50.0		116	80-130				
n-Propylbenzene	55.6		"	50.0		111	74-136				
o-Xylene	53.8		"	50.0		108	83-123				
p- & m- Xylenes	107		"	100		107	82-128				
p-Isopropyltoluene	54.5		"	50.0		109	85-125				
sec-Butylbenzene	53.5		"	50.0		107	83-125				
Styrene	47.5		"	50.0		94.9	86-126				
tert-Butyl alcohol (TBA)	285		"	250		114	70-130				
tert-Butylbenzene	50.6		"	50.0		101	80-127				
Tetrachloroethylene	32.0		"	50.0		64.0	80-129	Low Bias			
Toluene	46.5		"	50.0		93.0	85-121				
trans-1,2-Dichloroethylene	41.6		"	50.0		83.1	72-132				
trans-1,3-Dichloropropylene	59.8		"	50.0		120	78-132				
Trichloroethylene	48.4		"	50.0		96.8	84-123				
Trichlorofluoromethane	35.5		"	50.0		71.0	62-140				
Vinyl acetate	44.5		"	50.0		89.1	67-136				
Vinyl Chloride	20.3		"	50.0		40.6	52-130	Low Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*58.2*		*"*	*50.0*		*116*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.9*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*58.9*		*"*	*50.0*		*118*	*76-130*				
LCS Dup (BH21854-BSD1) LCS Dup							Prepared & Analyzed: 09/08/2022				
1,1,1,2-Tetrachloroethane	52.9		ug/L	50.0		106	75-129		2.64	30	
1,1,1-Trichloroethane	49.1		"	50.0		98.2	71-137		1.13	30	
1,1,2,2-Tetrachloroethane	56.0		"	50.0		112	79-129		4.64	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	34.5		"	50.0		69.0	58-146		3.76	30	
1,1,2-Trichloroethane	48.8		"	50.0		97.6	83-123		2.74	30	
1,1-Dichloroethane	42.4		"	50.0		84.7	75-130		0.189	30	
1,1-Dichloroethylene	41.2		"	50.0		82.4	64-137		1.71	30	
1,1-Dichloropropylene	42.5		"	50.0		85.0	77-127		2.24	30	
1,2,3-Trichlorobenzene	51.4		"	50.0		103	81-140		8.46	30	
1,2,3-Trichloropropane	57.5		"	50.0		115	81-126		1.30	30	
1,2,4-Trichlorobenzene	54.0		"	50.0		108	80-141		4.00	30	
1,2,4-Trimethylbenzene	57.2		"	50.0		114	84-125		3.31	30	
1,2-Dibromo-3-chloropropane	66.8		"	50.0		134	74-142		4.38	30	
1,2-Dibromoethane	49.1		"	50.0		98.1	86-123		0.531	30	
1,2-Dichlorobenzene	48.6		"	50.0		97.3	85-122		3.47	30	
1,2-Dichloroethane	52.2		"	50.0		104	71-133		1.93	30	
1,2-Dichloropropane	47.2		"	50.0		94.4	81-122		0.781	30	
1,3,5-Trimethylbenzene	57.3		"	50.0		115	82-126		4.17	30	
1,3-Dichlorobenzene	50.1		"	50.0		100	84-124		5.90	30	
1,3-Dichloropropane	51.5		"	50.0		103	83-123		4.14	30	
1,4-Dichlorobenzene	49.3		"	50.0		98.7	84-124		3.30	30	
1,4-Dioxane	1370		"	1050		130	10-228		2.34	30	
2,2-Dichloropropane	53.9		"	50.0		108	67-136		1.16	30	
2-Butanone	40.0		"	50.0		80.0	58-147		7.09	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21854 - EPA 5035A											
LCS Dup (BH21854-BSD1) LCS Dup								Prepared & Analyzed: 09/08/2022			
2-Chlorotoluene	58.4		ug/L	50.0		117	78-127		4.98	30	
2-Hexanone	59.8		"	50.0		120	70-139		1.11	30	
4-Chlorotoluene	60.2		"	50.0		120	79-125		3.55	30	
4-Methyl-2-pentanone	46.6		"	50.0		93.1	72-132		2.15	30	
Acetone	39.7		"	50.0		79.4	36-155		1.75	30	
Acrolein	36.7		"	50.0		73.3	10-238		13.3	30	
Acrylonitrile	43.1		"	50.0		86.3	66-141		0.791	30	
Benzene	39.2		"	50.0		78.4	77-127		1.52	30	
Bromobenzene	57.9		"	50.0		116	77-129		2.93	30	
Bromochloromethane	43.3		"	50.0		86.5	74-129		1.17	30	
Bromodichloromethane	58.3		"	50.0		117	81-124		3.51	30	
Bromoform	49.5		"	50.0		99.1	80-136		2.41	30	
Bromomethane	33.8		"	50.0		67.6	32-177		2.51	30	
Carbon disulfide	29.5		"	50.0		59.1	10-136		0.574	30	
Carbon tetrachloride	51.2		"	50.0		102	66-143		0.725	30	
Chlorobenzene	49.2		"	50.0		98.5	86-120		1.12	30	
Chloroethane	35.3		"	50.0		70.6	51-142		1.31	30	
Chloroform	47.8		"	50.0		95.7	76-131		2.46	30	
Chloromethane	16.7		"	50.0		33.4	49-132	Low Bias	2.24	30	
cis-1,2-Dichloroethylene	45.5		"	50.0		91.0	74-132		2.13	30	
cis-1,3-Dichloropropylene	57.0		"	50.0		114	81-129		4.15	30	
Cyclohexane	35.1		"	50.0		70.1	70-130		3.39	30	
Dibromochloromethane	56.2		"	50.0		112	10-200		3.97	30	
Dibromomethane	51.9		"	50.0		104	83-124		1.69	30	
Dichlorodifluoromethane	4.51		"	50.0		9.02	28-158	Low Bias	3.91	30	
Ethyl Benzene	52.2		"	50.0		104	84-125		1.72	30	
Hexachlorobutadiene	56.3		"	50.0		113	83-133		3.20	30	
Isopropylbenzene	58.6		"	50.0		117	81-127		3.72	30	
Methyl acetate	39.4		"	50.0		78.8	41-143		0.483	30	
Methyl tert-butyl ether (MTBE)	43.2		"	50.0		86.4	74-131		0.931	30	
Methylcyclohexane	41.0		"	50.0		81.9	70-130		0.563	30	
Methylene chloride	40.2		"	50.0		80.4	57-141		1.90	30	
n-Butylbenzene	58.6		"	50.0		117	80-130		1.32	30	
n-Propylbenzene	57.3		"	50.0		115	74-136		2.99	30	
o-Xylene	55.5		"	50.0		111	83-123		3.17	30	
p- & m- Xylenes	109		"	100		109	82-128		1.57	30	
p-Isopropyltoluene	55.9		"	50.0		112	85-125		2.39	30	
sec-Butylbenzene	54.7		"	50.0		109	83-125		2.13	30	
Styrene	48.4		"	50.0		96.9	86-126		2.04	30	
tert-Butyl alcohol (TBA)	287		"	250		115	70-130		0.507	30	
tert-Butylbenzene	52.8		"	50.0		106	80-127		4.12	30	
Tetrachloroethylene	33.1		"	50.0		66.1	80-129	Low Bias	3.29	30	
Toluene	47.5		"	50.0		95.1	85-121		2.17	30	
trans-1,2-Dichloroethylene	41.1		"	50.0		82.2	72-132		1.09	30	
trans-1,3-Dichloropropylene	61.0		"	50.0		122	78-132		2.00	30	
Trichloroethylene	48.7		"	50.0		97.4	84-123		0.618	30	
Trichlorofluoromethane	35.0		"	50.0		69.9	62-140		1.62	30	
Vinyl acetate	44.6		"	50.0		89.2	67-136		0.157	30	
Vinyl Chloride	20.4		"	50.0		40.9	52-130	Low Bias	0.835	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*57.2*		*"*	*50.0*		*114*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.6*		*"*	*50.0*		*103*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21854 - EPA 5035A											
LCS Dup (BH21854-BSD1) LCS Dup								Prepared & Analyzed: 09/08/2022			
Surrogate: SURR: p-Bromofluorobenzene	*59.1*		*ug/L*	*50.0*		*118*	*76-130*				
Batch BI20135 - EPA 5030B											
Blank (BI20135-BLK1) Blank								Prepared & Analyzed: 09/02/2022			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20135 - EPA 5030B											
Blank (BI20135-BLK1) Blank								Prepared & Analyzed: 09/02/2022			
Dibromochloromethane	ND	0.500	ug/L								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.97*		*"*	*10.0*		*99.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.21*		*"*	*10.0*		*92.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.9*		*"*	*10.0*		*119*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20135 - EPA 5030B											
LCS (BI20135-BS1) LCS							Prepared & Analyzed: 09/02/2022				
1,1,1,2-Tetrachloroethane	9.06		ug/L	10.0		90.6	82-126				
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136				
1,1,2,2-Tetrachloroethane	8.89		"	10.0		88.9	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	54-165				
1,1,2-Trichloroethane	7.99		"	10.0		79.9	82-123	Low Bias			
1,1-Dichloroethane	9.51		"	10.0		95.1	82-129				
1,1-Dichloroethylene	10.1		"	10.0		101	68-138				
1,1-Dichloropropylene	9.28		"	10.0		92.8	83-133				
1,2,3-Trichlorobenzene	7.12		"	10.0		71.2	76-136	Low Bias			
1,2,3-Trichloropropane	8.63		"	10.0		86.3	77-128				
1,2,4-Trichlorobenzene	8.38		"	10.0		83.8	76-137				
1,2,4-Trimethylbenzene	9.61		"	10.0		96.1	82-132				
1,2-Dibromo-3-chloropropane	7.67		"	10.0		76.7	45-147				
1,2-Dibromoethane	8.12		"	10.0		81.2	83-124	Low Bias			
1,2-Dichlorobenzene	9.28		"	10.0		92.8	79-123				
1,2-Dichloroethane	9.29		"	10.0		92.9	73-132				
1,2-Dichloropropane	8.41		"	10.0		84.1	78-126				
1,3,5-Trimethylbenzene	9.68		"	10.0		96.8	80-131				
1,3-Dichlorobenzene	9.34		"	10.0		93.4	86-122				
1,3-Dichloropropane	8.09		"	10.0		80.9	81-125	Low Bias			
1,4-Dichlorobenzene	9.18		"	10.0		91.8	85-124				
1,4-Dioxane	179		"	210		85.0	10-349				
2,2-Dichloropropane	10.7		"	10.0		107	56-150				
2-Butanone	9.13		"	10.0		91.3	49-152				
2-Chlorotoluene	9.58		"	10.0		95.8	79-130				
2-Hexanone	8.21		"	10.0		82.1	51-146				
4-Chlorotoluene	9.52		"	10.0		95.2	79-128				
4-Methyl-2-pentanone	8.85		"	10.0		88.5	57-145				
Acetone	13.0		"	10.0		130	14-150				
Acrolein	5.18		"	10.0		51.8	10-153				
Acrylonitrile	9.16		"	10.0		91.6	51-150				
Benzene	9.52		"	10.0		95.2	85-126				
Bromobenzene	8.94		"	10.0		89.4	78-129				
Bromochloromethane	9.30		"	10.0		93.0	77-128				
Bromodichloromethane	8.35		"	10.0		83.5	79-128				
Bromoform	8.71		"	10.0		87.1	78-133				
Bromomethane	6.69		"	10.0		66.9	43-168				
Carbon disulfide	10.4		"	10.0		104	68-146				
Carbon tetrachloride	10.2		"	10.0		102	77-141				
Chlorobenzene	9.85		"	10.0		98.5	88-120				
Chloroethane	9.49		"	10.0		94.9	65-136				
Chloroform	9.67		"	10.0		96.7	82-128				
Chloromethane	10.5		"	10.0		105	43-155				
cis-1,2-Dichloroethylene	9.47		"	10.0		94.7	83-129				
cis-1,3-Dichloropropylene	8.26		"	10.0		82.6	80-131				
Cyclohexane	4.50		"	10.0		45.0	63-149	Low Bias			
Dibromochloromethane	8.04		"	10.0		80.4	80-130				
Dibromomethane	8.03		"	10.0		80.3	72-134				
Dichlorodifluoromethane	10.4		"	10.0		104	44-144				
Ethyl Benzene	9.77		"	10.0		97.7	80-131				
Hexachlorobutadiene	11.2		"	10.0		112	67-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20135 - EPA 5030B											
LCS (BI20135-BS1) LCS							Prepared & Analyzed: 09/02/2022				
Isopropylbenzene	10.1		ug/L	10.0		101	76-140				
Methyl acetate	8.28		"	10.0		82.8	51-139				
Methyl tert-butyl ether (MTBE)	8.87		"	10.0		88.7	76-135				
Methylcyclohexane	10.6		"	10.0		106	72-143				
Methylene chloride	9.44		"	10.0		94.4	55-137				
n-Butylbenzene	9.70		"	10.0		97.0	79-132				
n-Propylbenzene	9.99		"	10.0		99.9	78-133				
o-Xylene	9.81		"	10.0		98.1	78-130				
p- & m- Xylenes	20.0		"	20.0		99.8	77-133				
p-Isopropyltoluene	10.0		"	10.0		100	81-136				
sec-Butylbenzene	11.4		"	10.0		114	79-137				
Styrene	9.70		"	10.0		97.0	67-132				
tert-Butyl alcohol (TBA)	50.6		"	50.0		101	25-162				
tert-Butylbenzene	8.34		"	10.0		83.4	77-138				
Tetrachloroethylene	8.60		"	10.0		86.0	82-131				
Toluene	8.67		"	10.0		86.7	80-127				
trans-1,2-Dichloroethylene	9.56		"	10.0		95.6	80-132				
trans-1,3-Dichloropropylene	8.05		"	10.0		80.5	78-131				
Trichloroethylene	8.44		"	10.0		84.4	82-128				
Trichlorofluoromethane	11.5		"	10.0		115	67-139				
Vinyl acetate	7.44		"	10.0		74.4	21-90				
Vinyl Chloride	10.4		"	10.0		104	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.85*		*"*	*10.0*		*98.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.18*		*"*	*10.0*		*91.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
LCS Dup (BI20135-BSD1) LCS Dup							Prepared & Analyzed: 09/02/2022				
1,1,1,2-Tetrachloroethane	8.94		ug/L	10.0		89.4	82-126		1.33	30	
1,1,1-Trichloroethane	9.49		"	10.0		94.9	78-136		5.63	30	
1,1,2,2-Tetrachloroethane	8.72		"	10.0		87.2	76-129		1.93	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165		6.06	30	
1,1,2-Trichloroethane	8.77		"	10.0		87.7	82-123		9.31	30	
1,1-Dichloroethane	9.10		"	10.0		91.0	82-129		4.41	30	
1,1-Dichloroethylene	9.56		"	10.0		95.6	68-138		5.89	30	
1,1-Dichloropropylene	8.82		"	10.0		88.2	83-133		5.08	30	
1,2,3-Trichlorobenzene	8.60		"	10.0		86.0	76-136		18.8	30	
1,2,3-Trichloropropane	8.75		"	10.0		87.5	77-128		1.38	30	
1,2,4-Trichlorobenzene	8.61		"	10.0		86.1	76-137		2.71	30	
1,2,4-Trimethylbenzene	9.26		"	10.0		92.6	82-132		3.71	30	
1,2-Dibromo-3-chloropropane	8.18		"	10.0		81.8	45-147		6.44	30	
1,2-Dibromoethane	9.02		"	10.0		90.2	83-124		10.5	30	
1,2-Dichlorobenzene	8.91		"	10.0		89.1	79-123		4.07	30	
1,2-Dichloroethane	9.25		"	10.0		92.5	73-132		0.431	30	
1,2-Dichloropropane	9.15		"	10.0		91.5	78-126		8.43	30	
1,3,5-Trimethylbenzene	9.16		"	10.0		91.6	80-131		5.52	30	
1,3-Dichlorobenzene	8.76		"	10.0		87.6	86-122		6.41	30	
1,3-Dichloropropane	8.87		"	10.0		88.7	81-125		9.20	30	
1,4-Dichlorobenzene	8.69		"	10.0		86.9	85-124		5.48	30	
1,4-Dioxane	199		"	210		94.7	10-349		10.7	30	
2,2-Dichloropropane	9.88		"	10.0		98.8	56-150		7.59	30	
2-Butanone	9.30		"	10.0		93.0	49-152		1.84	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20135 - EPA 5030B											
LCS Dup (BI20135-BSD1) LCS Dup							Prepared & Analyzed: 09/02/2022				
2-Chlorotoluene	9.02		ug/L	10.0		90.2	79-130		6.02	30	
2-Hexanone	9.10		"	10.0		91.0	51-146		10.3	30	
4-Chlorotoluene	9.12		"	10.0		91.2	79-128		4.29	30	
4-Methyl-2-pentanone	9.01		"	10.0		90.1	57-145		1.79	30	
Acetone	13.8		"	10.0		138	14-150		6.12	30	
Acrolein	5.42		"	10.0		54.2	10-153		4.53	30	
Acrylonitrile	9.18		"	10.0		91.8	51-150		0.218	30	
Benzene	9.14		"	10.0		91.4	85-126		4.07	30	
Bromobenzene	8.65		"	10.0		86.5	78-129		3.30	30	
Bromochloromethane	9.10		"	10.0		91.0	77-128		2.17	30	
Bromodichloromethane	8.97		"	10.0		89.7	79-128		7.16	30	
Bromoform	8.55		"	10.0		85.5	78-133		1.85	30	
Bromomethane	6.52		"	10.0		65.2	43-168		2.57	30	
Carbon disulfide	10.0		"	10.0		100	68-146		3.62	30	
Carbon tetrachloride	9.72		"	10.0		97.2	77-141		5.21	30	
Chlorobenzene	9.40		"	10.0		94.0	88-120		4.68	30	
Chloroethane	9.07		"	10.0		90.7	65-136		4.53	30	
Chloroform	9.34		"	10.0		93.4	82-128		3.47	30	
Chloromethane	9.76		"	10.0		97.6	43-155		7.31	30	
cis-1,2-Dichloroethylene	9.08		"	10.0		90.8	83-129		4.20	30	
cis-1,3-Dichloropropylene	8.84		"	10.0		88.4	80-131		6.78	30	
Cyclohexane	4.24		"	10.0		42.4	63-149	Low Bias	5.95	30	
Dibromochloromethane	8.85		"	10.0		88.5	80-130		9.59	30	
Dibromomethane	9.03		"	10.0		90.3	72-134		11.7	30	
Dichlorodifluoromethane	9.53		"	10.0		95.3	44-144		8.35	30	
Ethyl Benzene	9.48		"	10.0		94.8	80-131		3.01	30	
Hexachlorobutadiene	11.4		"	10.0		114	67-146		1.51	30	
Isopropylbenzene	9.43		"	10.0		94.3	76-140		6.86	30	
Methyl acetate	8.36		"	10.0		83.6	51-139		0.962	30	
Methyl tert-butyl ether (MTBE)	8.86		"	10.0		88.6	76-135		0.113	30	
Methylcyclohexane	11.1		"	10.0		111	72-143		5.35	30	
Methylene chloride	9.14		"	10.0		91.4	55-137		3.23	30	
n-Butylbenzene	9.49		"	10.0		94.9	79-132		2.19	30	
n-Propylbenzene	9.39		"	10.0		93.9	78-133		6.19	30	
o-Xylene	9.65		"	10.0		96.5	78-130		1.64	30	
p- & m- Xylenes	19.6		"	20.0		97.8	77-133		2.13	30	
p-Isopropyltoluene	9.47		"	10.0		94.7	81-136		5.64	30	
sec-Butylbenzene	9.80		"	10.0		98.0	79-137		15.3	30	
Styrene	9.42		"	10.0		94.2	67-132		2.93	30	
tert-Butyl alcohol (TBA)	51.1		"	50.0		102	25-162		0.924	30	
tert-Butylbenzene	7.78		"	10.0		77.8	77-138		6.95	30	
Tetrachloroethylene	8.84		"	10.0		88.4	82-131		2.75	30	
Toluene	9.03		"	10.0		90.3	80-127		4.07	30	
trans-1,2-Dichloroethylene	9.14		"	10.0		91.4	80-132		4.49	30	
trans-1,3-Dichloropropylene	8.81		"	10.0		88.1	78-131		9.02	30	
Trichloroethylene	9.01		"	10.0		90.1	82-128		6.53	30	
Trichlorofluoromethane	10.9		"	10.0		109	67-139		5.62	30	
Vinyl acetate	6.80		"	10.0		68.0	21-90		8.99	30	
Vinyl Chloride	9.61		"	10.0		96.1	58-145		7.41	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.93*		*"*	*10.0*		*99.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*81-117*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20135 - EPA 5030B											
LCS Dup (BI20135-BSD1) LCS Dup							Prepared & Analyzed: 09/02/2022				
Surrogate: SURR: p-Bromofluorobenzene	*9.81*		*ug/L*	*10.0*		*98.1*	*79-122*				
Batch BI20260 - EPA 5030B											
Blank (BI20260-BLK1) Blank							Prepared & Analyzed: 09/07/2022				
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20260 - EPA 5030B											
Blank (BI20260-BLK1) Blank								Prepared & Analyzed: 09/07/2022			
Dibromochloromethane	ND	0.500	ug/L								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.32*		*"*	*10.0*		*93.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20260 - EPA 5030B											
LCS (BI20260-BS1) LCS							Prepared & Analyzed: 09/07/2022				
1,1,1,2-Tetrachloroethane	9.54		ug/L	10.0		95.4	82-126				
1,1,1-Trichloroethane	9.75		"	10.0		97.5	78-136				
1,1,2,2-Tetrachloroethane	8.83		"	10.0		88.3	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.8		"	10.0		128	54-165				
1,1,2-Trichloroethane	8.16		"	10.0		81.6	82-123	Low Bias			
1,1-Dichloroethane	10.2		"	10.0		102	82-129				
1,1-Dichloroethylene	11.4		"	10.0		114	68-138				
1,1-Dichloropropylene	10.3		"	10.0		103	83-133				
1,2,3-Trichlorobenzene	7.78		"	10.0		77.8	76-136				
1,2,3-Trichloropropane	9.92		"	10.0		99.2	77-128				
1,2,4-Trichlorobenzene	8.24		"	10.0		82.4	76-137				
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132				
1,2-Dibromo-3-chloropropane	7.73		"	10.0		77.3	45-147				
1,2-Dibromoethane	8.31		"	10.0		83.1	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	9.64		"	10.0		96.4	73-132				
1,2-Dichloropropane	10.4		"	10.0		104	78-126				
1,3,5-Trimethylbenzene	11.1		"	10.0		111	80-131				
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122				
1,3-Dichloropropane	8.35		"	10.0		83.5	81-125				
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124				
1,4-Dioxane	172		"	210		81.7	10-349				
2,2-Dichloropropane	10.2		"	10.0		102	56-150				
2-Butanone	9.40		"	10.0		94.0	49-152				
2-Chlorotoluene	11.0		"	10.0		110	79-130				
2-Hexanone	7.69		"	10.0		76.9	51-146				
4-Chlorotoluene	11.1		"	10.0		111	79-128				
4-Methyl-2-pentanone	8.44		"	10.0		84.4	57-145				
Acetone	9.38		"	10.0		93.8	14-150				
Acrolein	3.07		"	10.0		30.7	10-153				
Acrylonitrile	8.50		"	10.0		85.0	51-150				
Benzene	10.3		"	10.0		103	85-126				
Bromobenzene	10.2		"	10.0		102	78-129				
Bromochloromethane	9.95		"	10.0		99.5	77-128				
Bromodichloromethane	8.56		"	10.0		85.6	79-128				
Bromoform	7.48		"	10.0		74.8	78-133	Low Bias			
Bromomethane	1.18		"	10.0		11.8	43-168	Low Bias			
Carbon disulfide	11.4		"	10.0		114	68-146				
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	9.57		"	10.0		95.7	88-120				
Chloroethane	14.1		"	10.0		141	65-136	High Bias			
Chloroform	9.47		"	10.0		94.7	82-128				
Chloromethane	11.7		"	10.0		117	43-155				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129				
cis-1,3-Dichloropropylene	8.74		"	10.0		87.4	80-131				
Cyclohexane	5.11		"	10.0		51.1	63-149	Low Bias			
Dibromochloromethane	8.37		"	10.0		83.7	80-130				
Dibromomethane	8.53		"	10.0		85.3	72-134				
Dichlorodifluoromethane	20.7		"	10.0		207	44-144	High Bias			
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	7.97		"	10.0		79.7	67-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20260 - EPA 5030B											
LCS (BI20260-BS1) LCS							Prepared & Analyzed: 09/07/2022				
Isopropylbenzene	11.7		ug/L	10.0		117	76-140				
Methyl acetate	9.60		"	10.0		96.0	51-139				
Methyl tert-butyl ether (MTBE)	8.15		"	10.0		81.5	76-135				
Methylcyclohexane	12.7		"	10.0		127	72-143				
Methylene chloride	10.4		"	10.0		104	55-137				
n-Butylbenzene	11.0		"	10.0		110	79-132				
n-Propylbenzene	11.4		"	10.0		114	78-133				
o-Xylene	10.6		"	10.0		106	78-130				
p- & m- Xylenes	20.9		"	20.0		104	77-133				
p-Isopropyltoluene	11.5		"	10.0		115	81-136				
sec-Butylbenzene	11.7		"	10.0		117	79-137				
Styrene	9.15		"	10.0		91.5	67-132				
tert-Butyl alcohol (TBA)	39.5		"	50.0		79.1	25-162				
tert-Butylbenzene	9.14		"	10.0		91.4	77-138				
Tetrachloroethylene	11.2		"	10.0		112	82-131				
Toluene	10.6		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132				
trans-1,3-Dichloropropylene	8.37		"	10.0		83.7	78-131				
Trichloroethylene	9.37		"	10.0		93.7	82-128				
Trichlorofluoromethane	15.4		"	10.0		154	67-139	High Bias			
Vinyl acetate	6.76		"	10.0		67.6	21-90				
Vinyl Chloride	12.9		"	10.0		129	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.15*		*"*	*10.0*		*91.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				
LCS Dup (BI20260-BSD1) LCS Dup							Prepared & Analyzed: 09/07/2022				
1,1,1,2-Tetrachloroethane	9.01		ug/L	10.0		90.1	82-126		5.71	30	
1,1,1-Trichloroethane	9.97		"	10.0		99.7	78-136		2.23	30	
1,1,2,2-Tetrachloroethane	8.19		"	10.0		81.9	76-129		7.52	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.7		"	10.0		127	54-165		1.25	30	
1,1,2-Trichloroethane	7.41		"	10.0		74.1	82-123	Low Bias	9.63	30	
1,1-Dichloroethane	10.2		"	10.0		102	82-129		0.294	30	
1,1-Dichloroethylene	11.6		"	10.0		116	68-138		2.09	30	
1,1-Dichloropropylene	10.4		"	10.0		104	83-133		1.36	30	
1,2,3-Trichlorobenzene	7.17		"	10.0		71.7	76-136	Low Bias	8.16	30	
1,2,3-Trichloropropane	8.93		"	10.0		89.3	77-128		10.5	30	
1,2,4-Trichlorobenzene	7.90		"	10.0		79.0	76-137		4.21	30	
1,2,4-Trimethylbenzene	11.7		"	10.0		117	82-132		6.00	30	
1,2-Dibromo-3-chloropropane	7.13		"	10.0		71.3	45-147		8.08	30	
1,2-Dibromoethane	7.50		"	10.0		75.0	83-124	Low Bias	10.2	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		0.00	30	
1,2-Dichloroethane	8.85		"	10.0		88.5	73-132		8.55	30	
1,2-Dichloropropane	10.1		"	10.0		101	78-126		2.44	30	
1,3,5-Trimethylbenzene	11.9		"	10.0		119	80-131		7.15	30	
1,3-Dichlorobenzene	11.1		"	10.0		111	86-122		4.06	30	
1,3-Dichloropropane	7.42		"	10.0		74.2	81-125	Low Bias	11.8	30	
1,4-Dichlorobenzene	11.0		"	10.0		110	85-124		4.09	30	
1,4-Dioxane	186		"	210		88.3	10-349		7.82	30	
2,2-Dichloropropane	10.1		"	10.0		101	56-150		1.47	30	
2-Butanone	8.05		"	10.0		80.5	49-152		15.5	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20260 - EPA 5030B											
LCS Dup (BI20260-BSD1) LCS Dup								Prepared & Analyzed: 09/07/2022			
2-Chlorotoluene	11.9		ug/L	10.0		119	79-130		7.92	30	
2-Hexanone	6.03		"	10.0		60.3	51-146		24.2	30	
4-Chlorotoluene	11.8		"	10.0		118	79-128		5.96	30	
4-Methyl-2-pentanone	6.95		"	10.0		69.5	57-145		19.4	30	
Acetone	8.58		"	10.0		85.8	14-150		8.91	30	
Acrolein	3.04		"	10.0		30.4	10-153		0.982	30	
Acrylonitrile	7.27		"	10.0		72.7	51-150		15.6	30	
Benzene	10.3		"	10.0		103	85-126		0.00	30	
Bromobenzene	10.4		"	10.0		104	78-129		1.94	30	
Bromochloromethane	9.61		"	10.0		96.1	77-128		3.48	30	
Bromodichloromethane	8.17		"	10.0		81.7	79-128		4.66	30	
Bromoform	6.44		"	10.0		64.4	78-133	Low Bias	14.9	30	
Bromomethane	1.70		"	10.0		17.0	43-168	Low Bias	36.1	30	Non-dir.
Carbon disulfide	11.6		"	10.0		116	68-146		2.52	30	
Carbon tetrachloride	10.6		"	10.0		106	77-141		1.51	30	
Chlorobenzene	9.35		"	10.0		93.5	88-120		2.33	30	
Chloroethane	12.4		"	10.0		124	65-136		12.9	30	
Chloroform	9.29		"	10.0		92.9	82-128		1.92	30	
Chloromethane	12.7		"	10.0		127	43-155		8.05	30	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129		0.299	30	
cis-1,3-Dichloropropylene	8.28		"	10.0		82.8	80-131		5.41	30	
Cyclohexane	5.10		"	10.0		51.0	63-149	Low Bias	0.196	30	
Dibromochloromethane	7.46		"	10.0		74.6	80-130	Low Bias	11.5	30	
Dibromomethane	7.85		"	10.0		78.5	72-134		8.30	30	
Dichlorodifluoromethane	20.9		"	10.0		209	44-144	High Bias	0.867	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		0.00	30	
Hexachlorobutadiene	7.52		"	10.0		75.2	67-146		5.81	30	
Isopropylbenzene	12.6		"	10.0		126	76-140		7.75	30	
Methyl acetate	8.19		"	10.0		81.9	51-139		15.9	30	
Methyl tert-butyl ether (MTBE)	7.00		"	10.0		70.0	76-135	Low Bias	15.2	30	
Methylcyclohexane	12.3		"	10.0		123	72-143		3.52	30	
Methylene chloride	9.83		"	10.0		98.3	55-137		6.11	30	
n-Butylbenzene	11.4		"	10.0		114	79-132		3.84	30	
n-Propylbenzene	12.4		"	10.0		124	78-133		8.06	30	
o-Xylene	10.4		"	10.0		104	78-130		1.05	30	
p- & m- Xylenes	20.9		"	20.0		104	77-133		0.0957	30	
p-Isopropyltoluene	12.2		"	10.0		122	81-136		5.64	30	
sec-Butylbenzene	12.5		"	10.0		125	79-137		6.12	30	
Styrene	8.91		"	10.0		89.1	67-132		2.66	30	
tert-Butyl alcohol (TBA)	32.4		"	50.0		64.7	25-162		19.9	30	
tert-Butylbenzene	9.81		"	10.0		98.1	77-138		7.07	30	
Tetrachloroethylene	11.3		"	10.0		113	82-131		0.624	30	
Toluene	10.7		"	10.0		107	80-127		0.469	30	
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132		1.76	30	
trans-1,3-Dichloropropylene	7.53		"	10.0		75.3	78-131	Low Bias	10.6	30	
Trichloroethylene	9.59		"	10.0		95.9	82-128		2.32	30	
Trichlorofluoromethane	15.7		"	10.0		157	67-139	High Bias	2.19	30	
Vinyl acetate	5.74		"	10.0		57.4	21-90		16.3	30	
Vinyl Chloride	13.9		"	10.0		139	58-145		7.84	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.70*		*"*	*10.0*		*87.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.98*		*"*	*10.0*		*99.8*	*81-117*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20260 - EPA 5030B											
LCS Dup (BI20260-BSD1) LCS Dup								Prepared & Analyzed: 09/07/2022			
Surrogate: SURR: p-Bromofluorobenzene	*11.5*		*ug/L*	*10.0*		*115*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20089 - EPA 3510C											
Blank (BI20089-BLK1) Blank									Prepared & Analyzed: 09/02/2022		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20089 - EPA 3510C											
Blank (BI20089-BLK1) Blank							Prepared & Analyzed: 09/02/2022				
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*21.6*		*"*	*50.0*		*43.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*13.2*		*"*	*50.0*		*26.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*24.3*		*"*	*25.0*		*97.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.6*		*"*	*25.0*		*78.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*54.4*		*"*	*50.0*		*109*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*25.4*		*"*	*25.0*		*102*	*30.7-106*				
Blank (BI20089-BLK2) Blank							Prepared & Analyzed: 09/02/2022				
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20089 - EPA 3510C											
LCS (BI20089-BS1) LCS							Prepared & Analyzed: 09/02/2022				
1,1-Biphenyl	17.8	5.00	ug/L	25.0		71.3	33-95				
1,2,4,5-Tetrachlorobenzene	15.6	5.00	"	25.0		62.2	26-120				
1,2,4-Trichlorobenzene	14.5	5.00	"	25.0		58.1	20-118				
1,2-Dichlorobenzene	14.8	5.00	"	25.0		59.2	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	22.7	5.00	"	25.0		90.9	16-141				
1,3-Dichlorobenzene	14.5	5.00	"	25.0		57.9	23-117				
1,4-Dichlorobenzene	14.8	5.00	"	25.0		59.1	30-105				
2,3,4,6-Tetrachlorophenol	26.3	5.00	"	25.0		105	30-130				
2,4,5-Trichlorophenol	18.6	5.00	"	25.0		74.5	32-114				
2,4,6-Trichlorophenol	18.6	5.00	"	25.0		74.5	35-118				
2,4-Dichlorophenol	17.6	5.00	"	25.0		70.6	25-116				
2,4-Dimethylphenol	16.7	5.00	"	25.0		66.9	15-116				
2,4-Dinitrophenol	35.4	5.00	"	25.0		141	10-170				
2,4-Dinitrotoluene	22.7	5.00	"	25.0		90.8	41-128				
2,6-Dinitrotoluene	22.2	5.00	"	25.0		89.0	45-116				
2-Chloronaphthalene	16.4	5.00	"	25.0		65.5	33-112				
2-Chlorophenol	16.2	5.00	"	25.0		64.6	15-120				
2-Methylnaphthalene	16.0	5.00	"	25.0		64.2	24-118				
2-Methylphenol	15.0	5.00	"	25.0		59.9	10-110				
2-Nitroaniline	21.7	5.00	"	25.0		86.8	34-129				
2-Nitrophenol	19.5	5.00	"	25.0		77.9	28-118				
3- & 4-Methylphenols	12.5	5.00	"	25.0		50.0	10-107				
3,3-Dichlorobenzidine	15.8	5.00	"	25.0		63.0	15-187				
3-Nitroaniline	21.3	5.00	"	25.0		85.3	24-134				
4,6-Dinitro-2-methylphenol	30.2	5.00	"	25.0		121	10-153				
4-Bromophenyl phenyl ether	17.0	5.00	"	25.0		68.2	34-120				
4-Chloro-3-methylphenol	19.5	5.00	"	25.0		78.1	20-120				
4-Chloroaniline	17.0	5.00	"	25.0		68.0	10-147				
4-Chlorophenyl phenyl ether	16.0	5.00	"	25.0		63.9	27-121				
4-Nitroaniline	21.4	5.00	"	25.0		85.7	13-134				
4-Nitrophenol	11.4	5.00	"	25.0		45.5	10-131				
Acetophenone	19.6	5.00	"	25.0		78.3	25-110				
Aniline	14.3	5.00	"	25.0		57.1	10-117				
Benzaldehyde	18.2	5.00	"	25.0		72.7	29-117				
Benzoic acid	8.58	5.00	"	25.0		34.3	30-130				
Benzyl alcohol	14.5	5.00	"	25.0		58.2	10-117				
Benzyl butyl phthalate	18.3	5.00	"	25.0		73.1	29-133				
Bis(2-chloroethoxy)methane	18.8	5.00	"	25.0		75.1	10-154				
Bis(2-chloroethyl)ether	18.2	5.00	"	25.0		72.7	17-125				
Bis(2-chloroisopropyl)ether	22.8	5.00	"	25.0		91.0	10-139				
Caprolactam	4.46	5.00	"	25.0		17.8	10-137				
Carbazole	19.8	5.00	"	25.0		79.2	42-126				
Dibenzofuran	16.6	5.00	"	25.0		66.6	36-113				
Diethyl phthalate	19.8	5.00	"	25.0		79.2	38-115				
Dimethyl phthalate	18.2	5.00	"	25.0		72.7	38-129				
Di-n-butyl phthalate	18.4	5.00	"	25.0		73.6	31-120				
Di-n-octyl phthalate	18.4	5.00	"	25.0		73.4	21-149				
Hexachlorocyclopentadiene	10.4	10.0	"	25.0		41.5	10-130				
Isophorone	20.4	5.00	"	25.0		81.8	25-127				
N-nitroso-di-n-propylamine	21.0	5.00	"	25.0		83.8	26-122				
N-Nitrosodiphenylamine	22.3	5.00	"	25.0		89.0	23-149				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20089 - EPA 3510C											
LCS (BI20089-BS1) LCS							Prepared & Analyzed: 09/02/2022				
Phenol	8.61	5.00	ug/L	25.0		34.4	10-110				
Pyridine	13.1	5.00	"	25.5		51.5	10-90				
Surrogate: SURR: 2-Fluorophenol	*18.6*		*"*	*50.0*		*37.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*13.3*		*"*	*50.0*		*26.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.8*		*"*	*25.0*		*83.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.1*		*"*	*25.0*		*68.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*49.5*		*"*	*50.0*		*98.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.2*		*"*	*25.0*		*80.8*	*30.7-106*				
LCS (BI20089-BS2) LCS							Prepared & Analyzed: 09/02/2022				
Acenaphthene	0.630	0.0500	ug/L	1.00		63.0	25-116				
Acenaphthylene	0.620	0.0500	"	1.00		62.0	26-116				
Anthracene	0.650	0.0500	"	1.00		65.0	25-123				
Benzo(a)anthracene	0.730	0.0500	"	1.00		73.0	33-125				
Benzo(a)pyrene	0.640	0.0500	"	1.00		64.0	32-132				
Benzo(b)fluoranthene	0.760	0.0500	"	1.00		76.0	22-137				
Benzo(g,h,i)perylene	0.860	0.0500	"	1.00		86.0	10-138				
Benzo(k)fluoranthene	0.740	0.0500	"	1.00		74.0	20-137				
Bis(2-ethylhexyl)phthalate	1.46	0.500	"	1.00		146	10-189				
Chrysene	0.690	0.0500	"	1.00		69.0	32-124				
Dibenzo(a,h)anthracene	0.840	0.0500	"	1.00		84.0	16-133				
Fluoranthene	0.810	0.0500	"	1.00		81.0	32-121				
Fluorene	0.680	0.0500	"	1.00		68.0	28-118				
Hexachlorobenzene	0.740	0.0200	"	1.00		74.0	23-124				
Hexachlorobutadiene	0.670	0.500	"	1.00		67.0	15-123				
Hexachloroethane	2.87	0.500	"	1.00		287	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.810	0.0500	"	1.00		81.0	15-135				
Naphthalene	0.670	0.0500	"	1.00		67.0	18-120				
Nitrobenzene	0.880	0.250	"	1.00		88.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.26	0.250	"	1.00		126	10-156				
Phenanthrene	0.720	0.0500	"	1.00		72.0	24-127				
Pyrene	0.670	0.0500	"	1.00		67.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20089 - EPA 3510C											
LCS Dup (BI20089-BSD1) LCS Dup							Prepared & Analyzed: 09/02/2022				
1,1-Biphenyl	17.6	5.00	ug/L	25.0		70.4	33-95		1.24	20	
1,2,4,5-Tetrachlorobenzene	15.3	5.00	"	25.0		61.2	26-120		1.69	20	
1,2,4-Trichlorobenzene	14.5	5.00	"	25.0		58.2	20-118		0.0688	20	
1,2-Dichlorobenzene	14.9	5.00	"	25.0		59.5	29-111		0.472	20	
1,2-Diphenylhydrazine (as Azobenzene)	21.6	5.00	"	25.0		86.3	16-141		5.19	20	
1,3-Dichlorobenzene	14.7	5.00	"	25.0		58.8	23-117		1.51	20	
1,4-Dichlorobenzene	14.9	5.00	"	25.0		59.6	30-105		0.809	20	
2,3,4,6-Tetrachlorophenol	24.6	5.00	"	25.0		98.4	30-130		6.83	20	
2,4,5-Trichlorophenol	17.6	5.00	"	25.0		70.6	32-114		5.41	20	
2,4,6-Trichlorophenol	17.6	5.00	"	25.0		70.6	35-118		5.41	20	
2,4-Dichlorophenol	16.8	5.00	"	25.0		67.0	25-116		5.23	20	
2,4-Dimethylphenol	15.5	5.00	"	25.0		62.1	15-116		7.50	20	
2,4-Dinitrophenol	32.7	5.00	"	25.0		131	10-170		7.70	20	
2,4-Dinitrotoluene	21.4	5.00	"	25.0		85.8	41-128		5.62	20	
2,6-Dinitrotoluene	21.4	5.00	"	25.0		85.6	45-116		3.85	20	
2-Chloronaphthalene	16.0	5.00	"	25.0		64.0	33-112		2.35	20	
2-Chlorophenol	15.6	5.00	"	25.0		62.4	15-120		3.53	20	
2-Methylnaphthalene	15.7	5.00	"	25.0		63.0	24-118		1.95	20	
2-Methylphenol	14.2	5.00	"	25.0		56.8	10-110		5.21	20	
2-Nitroaniline	20.7	5.00	"	25.0		82.9	34-129		4.67	20	
2-Nitrophenol	19.3	5.00	"	25.0		77.1	28-118		1.03	20	
3- & 4-Methylphenols	11.8	5.00	"	25.0		47.4	10-107		5.34	20	
3,3-Dichlorobenzidine	15.0	5.00	"	25.0		60.0	15-187		5.01	20	
3-Nitroaniline	18.4	5.00	"	25.0		73.8	24-134		14.4	20	
4,6-Dinitro-2-methylphenol	27.9	5.00	"	25.0		112	10-153		8.09	20	
4-Bromophenyl phenyl ether	15.9	5.00	"	25.0		63.5	34-120		7.11	20	
4-Chloro-3-methylphenol	18.3	5.00	"	25.0		73.1	20-120		6.56	20	
4-Chloroaniline	14.4	5.00	"	25.0		57.5	10-147		16.6	20	
4-Chlorophenyl phenyl ether	15.2	5.00	"	25.0		60.8	27-121		4.94	20	
4-Nitroaniline	18.8	5.00	"	25.0		75.2	13-134		13.0	20	
4-Nitrophenol	9.84	5.00	"	25.0		39.4	10-131		14.4	20	
Acetophenone	19.3	5.00	"	25.0		77.1	25-110		1.60	20	
Aniline	12.5	5.00	"	25.0		50.1	10-117		13.1	20	
Benzaldehyde	18.0	5.00	"	25.0		72.2	29-117		0.773	20	
Benzoic acid	7.77	5.00	"	25.0		31.1	30-130		9.91	20	
Benzyl alcohol	13.7	5.00	"	25.0		54.7	10-117		6.09	20	
Benzyl butyl phthalate	16.8	5.00	"	25.0		67.4	29-133		8.14	20	
Bis(2-chloroethoxy)methane	18.3	5.00	"	25.0		73.2	10-154		2.59	20	
Bis(2-chloroethyl)ether	18.8	5.00	"	25.0		75.2	17-125		3.41	20	
Bis(2-chloroisopropyl)ether	23.0	5.00	"	25.0		92.2	10-139		1.27	20	
Caprolactam	4.19	5.00	"	25.0		16.8	10-137		6.24	20	
Carbazole	18.9	5.00	"	25.0		75.6	42-126		4.65	20	
Dibenzofuran	15.9	5.00	"	25.0		63.6	36-113		4.55	20	
Diethyl phthalate	19.0	5.00	"	25.0		75.8	38-115		4.33	20	
Dimethyl phthalate	17.4	5.00	"	25.0		69.7	38-129		4.16	20	
Di-n-butyl phthalate	17.1	5.00	"	25.0		68.4	31-120		7.38	20	
Di-n-octyl phthalate	16.5	5.00	"	25.0		66.1	21-149		10.6	20	
Hexachlorocyclopentadiene	10.4	10.0	"	25.0		41.4	10-130		0.193	20	
Isophorone	19.6	5.00	"	25.0		78.2	25-127		4.45	20	
N-nitroso-di-n-propylamine	20.2	5.00	"	25.0		80.9	26-122		3.50	20	
N-Nitrosodiphenylamine	21.0	5.00	"	25.0		84.2	23-149		5.59	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20089 - EPA 3510C											
LCS Dup (BI20089-BSD1) LCS Dup							Prepared & Analyzed: 09/02/2022				
Phenol	7.65	5.00	ug/L	25.0		30.6	10-110		11.8	20	
Pyridine	12.9	5.00	"	25.5		50.5	10-90		1.77	20	
Surrogate: SURR: 2-Fluorophenol	*18.9*		*"*	*50.0*		*37.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*12.6*		*"*	*50.0*		*25.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.4*		*"*	*25.0*		*81.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.8*		*"*	*25.0*		*67.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*46.5*		*"*	*50.0*		*93.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*19.1*		*"*	*25.0*		*76.2*	*30.7-106*				
Batch BI20196 - EPA 3546 SVOA											
Blank (BI20196-BLK1) Blank							Prepared: 09/06/2022 Analyzed: 09/07/2022				
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20196 - EPA 3546 SVOA											
Blank (BI20196-BLK1) Blank									Prepared: 09/06/2022 Analyzed: 09/07/2022		
Benzo(a)anthracene	ND	0.0416	mg/kg wet								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.03*		*"*	*1.66*		*61.8*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.943*		*"*	*1.66*		*56.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.555*		*"*	*0.831*		*66.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.540*		*"*	*0.831*		*65.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.49*		*"*	*1.66*		*89.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.645*		*"*	*0.831*		*77.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20196 - EPA 3546 SVOA											
LCS (BI20196-BS1) LCS								Prepared: 09/06/2022 Analyzed: 09/07/2022			
1,1-Biphenyl	0.441	0.0416	mg/kg wet	0.831		53.1	18-111				
1,2,4,5-Tetrachlorobenzene	0.373	0.0830	"	0.831		44.9	21-131				
1,2,4-Trichlorobenzene	0.360	0.0416	"	0.831		43.3	10-140				
1,2-Dichlorobenzene	0.314	0.0416	"	0.831		37.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.286	0.0416	"	0.831		34.4	17-137				
1,3-Dichlorobenzene	0.307	0.0416	"	0.831		37.0	33-110				
1,4-Dichlorobenzene	0.316	0.0416	"	0.831		38.0	32-104				
2,3,4,6-Tetrachlorophenol	0.428	0.0830	"	0.831		51.6	30-130				
2,4,5-Trichlorophenol	0.357	0.0416	"	0.831		43.0	27-118				
2,4,6-Trichlorophenol	0.405	0.0416	"	0.831		48.7	31-120				
2,4-Dichlorophenol	0.359	0.0416	"	0.831		43.3	20-127				
2,4-Dimethylphenol	0.367	0.0416	"	0.831		44.2	14-132				
2,4-Dinitrophenol	0.207	0.0830	"	0.831		24.9	10-171				
2,4-Dinitrotoluene	0.368	0.0416	"	0.831		44.3	34-131				
2,6-Dinitrotoluene	0.397	0.0416	"	0.831		47.8	31-128				
2-Chloronaphthalene	0.317	0.0416	"	0.831		38.2	31-117				
2-Chlorophenol	0.314	0.0416	"	0.831		37.8	33-113				
2-Methylnaphthalene	0.344	0.0416	"	0.831		41.4	12-138				
2-Methylphenol	0.292	0.0416	"	0.831		35.2	10-136				
2-Nitroaniline	0.341	0.0830	"	0.831		41.0	27-132				
2-Nitrophenol	0.387	0.0416	"	0.831		46.6	17-129				
3- & 4-Methylphenols	0.263	0.0416	"	0.831		31.7	29-103				
3,3-Dichlorobenzidine	0.283	0.0416	"	0.831		34.1	22-149				
3-Nitroaniline	0.322	0.0830	"	0.831		38.8	20-133				
4,6-Dinitro-2-methylphenol	0.346	0.0830	"	0.831		41.7	10-143				
4-Bromophenyl phenyl ether	0.356	0.0416	"	0.831		42.9	29-120				
4-Chloro-3-methylphenol	0.359	0.0416	"	0.831		43.2	24-129				
4-Chloroaniline	0.259	0.0416	"	0.831		31.2	10-132				
4-Chlorophenyl phenyl ether	0.336	0.0416	"	0.831		40.5	27-124				
4-Nitroaniline	0.340	0.0830	"	0.831		40.9	16-128				
4-Nitrophenol	0.315	0.0830	"	0.831		37.9	10-141				
Acenaphthene	0.321	0.0416	"	0.831		38.6	30-121				
Acenaphthylene	0.297	0.0416	"	0.831		35.7	30-115				
Acetophenone	0.371	0.0416	"	0.831		44.7	20-112				
Aniline	0.239	0.166	"	0.831		28.8	10-119				
Anthracene	0.348	0.0416	"	0.831		41.9	34-118				
Atrazine	0.513	0.0416	"	0.831		61.8	26-112				
Benzaldehyde	0.399	0.0416	"	0.831		48.1	21-100				
Benzo(a)anthracene	0.341	0.0416	"	0.831		41.0	32-122				
Benzo(a)pyrene	0.331	0.0416	"	0.831		39.8	29-133				
Benzo(b)fluoranthene	0.360	0.0416	"	0.831		43.4	25-133				
Benzo(g,h,i)perylene	0.376	0.0416	"	0.831		45.2	10-143				
Benzo(k)fluoranthene	0.349	0.0416	"	0.831		42.0	25-128				
Benzoic acid	0.169	0.0416	"	0.831		20.4	10-140				
Benzyl alcohol	0.267	0.0416	"	0.831		32.2	30-115				
Benzyl butyl phthalate	0.324	0.0416	"	0.831		39.0	26-126				
Bis(2-chloroethoxy)methane	0.321	0.0416	"	0.831		38.6	19-132				
Bis(2-chloroethyl)ether	0.274	0.0416	"	0.831		33.0	19-125				
Bis(2-chloroisopropyl)ether	0.280	0.0416	"	0.831		33.7	20-135				
Bis(2-ethylhexyl)phthalate	0.328	0.0416	"	0.831		39.5	10-155				
Caprolactam	0.476	0.0830	"	0.831		57.4	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20196 - EPA 3546 SVOA											
LCS (BI20196-BS1) LCS							Prepared: 09/06/2022 Analyzed: 09/07/2022				
Carbazole	0.343	0.0416	mg/kg wet	0.831		41.2	35-123				
Chrysene	0.342	0.0416	"	0.831		41.1	32-123				
Dibenzo(a,h)anthracene	0.359	0.0416	"	0.831		43.2	10-136				
Dibenzofuran	0.331	0.0416	"	0.831		39.9	29-121				
Diethyl phthalate	0.330	0.0416	"	0.831		39.7	34-116				
Dimethyl phthalate	0.335	0.0416	"	0.831		40.4	35-124				
Di-n-butyl phthalate	0.322	0.0416	"	0.831		38.8	31-116				
Di-n-octyl phthalate	0.331	0.0416	"	0.831		39.9	26-136				
Fluoranthene	0.328	0.0416	"	0.831		39.5	33-122				
Fluorene	0.329	0.0416	"	0.831		39.6	29-123				
Hexachlorobenzene	0.324	0.0416	"	0.831		39.0	21-124				
Hexachlorobutadiene	0.385	0.0416	"	0.831		46.4	10-149				
Hexachlorocyclopentadiene	0.325	0.0416	"	0.831		39.1	10-129				
Hexachloroethane	0.312	0.0416	"	0.831		37.6	28-108				
Indeno(1,2,3-cd)pyrene	0.352	0.0416	"	0.831		42.4	10-135				
Isophorone	0.324	0.0416	"	0.831		39.0	20-132				
Naphthalene	0.345	0.0416	"	0.831		41.5	23-124				
Nitrobenzene	0.327	0.0416	"	0.831		39.3	13-132				
N-Nitrosodimethylamine	0.270	0.0416	"	0.831		32.5	11-129				
N-nitroso-di-n-propylamine	0.278	0.0416	"	0.831		33.5	24-119				
N-Nitrosodiphenylamine	0.391	0.0416	"	0.831		47.1	22-152				
Pentachlorophenol	0.371	0.0416	"	0.831		44.7	10-139				
Phenanthrene	0.340	0.0416	"	0.831		40.9	33-123				
Phenol	0.278	0.0416	"	0.831		33.5	23-115				
Pyrene	0.318	0.0416	"	0.831		38.3	24-130				
Pyridine	0.239	0.166	"	0.831		28.8	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.823*		*"*	*1.66*		*49.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.749*		*"*	*1.66*		*45.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.459*		*"*	*0.831*		*55.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.446*		*"*	*0.831*		*53.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.18*		*"*	*1.66*		*70.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.511*		*"*	*0.831*		*61.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20196 - EPA 3546 SVOA											
Matrix Spike (BI20196-MS1) Matrix Spike *Source sample: 22H1677-06 (SB06_18-20)								Prepared: 09/06/2022 Analyzed: 09/08/2022			
1,1-Biphenyl	0.523	0.0859	mg/kg dry	0.858	ND	60.9	10-130				
1,2,4,5-Tetrachlorobenzene	0.409	0.172	"	0.858	ND	47.7	10-133				
1,2,4-Trichlorobenzene	0.406	0.0859	"	0.858	ND	47.4	10-127				
1,2-Dichlorobenzene	0.340	0.0859	"	0.858	ND	39.6	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.279	0.0859	"	0.858	ND	32.6	10-144				
1,3-Dichlorobenzene	0.347	0.0859	"	0.858	ND	40.4	11-111				
1,4-Dichlorobenzene	0.339	0.0859	"	0.858	ND	39.5	10-106				
2,3,4,6-Tetrachlorophenol	0.545	0.172	"	0.858	ND	63.5	30-130				
2,4,5-Trichlorophenol	0.433	0.0859	"	0.858	ND	50.4	10-127				
2,4,6-Trichlorophenol	0.450	0.0859	"	0.858	ND	52.5	10-132				
2,4-Dichlorophenol	0.434	0.0859	"	0.858	ND	50.6	10-128				
2,4-Dimethylphenol	0.391	0.0859	"	0.858	ND	45.6	10-137				
2,4-Dinitrophenol	ND	0.172	"	0.858	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.374	0.0859	"	0.858	ND	43.6	16-135				
2,6-Dinitrotoluene	0.391	0.0859	"	0.858	ND	45.5	18-131				
2-Chloronaphthalene	0.347	0.0859	"	0.858	ND	40.5	10-129				
2-Chlorophenol	0.366	0.0859	"	0.858	ND	42.6	15-116				
2-Methylnaphthalene	0.382	0.0859	"	0.858	ND	44.6	10-147				
2-Methylphenol	0.341	0.0859	"	0.858	ND	39.8	10-136				
2-Nitroaniline	0.451	0.172	"	0.858	ND	52.6	10-137				
2-Nitrophenol	0.373	0.0859	"	0.858	ND	43.4	10-129				
3- & 4-Methylphenols	0.301	0.0859	"	0.858	ND	35.0	10-123				
3,3-Dichlorobenzidine	0.326	0.0859	"	0.858	ND	38.0	10-155				
3-Nitroaniline	0.450	0.172	"	0.858	ND	52.4	12-133				
4,6-Dinitro-2-methylphenol	ND	0.172	"	0.858	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.391	0.0859	"	0.858	ND	45.5	14-128				
4-Chloro-3-methylphenol	0.401	0.0859	"	0.858	ND	46.7	10-134				
4-Chloroaniline	0.356	0.0859	"	0.858	ND	41.5	10-145				
4-Chlorophenyl phenyl ether	0.402	0.0859	"	0.858	ND	46.8	14-130				
4-Nitroaniline	0.486	0.172	"	0.858	ND	56.6	10-147				
4-Nitrophenol	0.401	0.172	"	0.858	ND	46.7	10-137				
Acenaphthene	0.378	0.0859	"	0.858	ND	44.1	10-146				
Acenaphthylene	0.334	0.0859	"	0.858	ND	38.9	10-134				
Acetophenone	0.444	0.0859	"	0.858	ND	51.7	10-116				
Aniline	0.279	0.344	"	0.858	ND	32.5	10-123				
Anthracene	0.409	0.0859	"	0.858	ND	47.7	10-142				
Atrazine	0.540	0.0859	"	0.858	ND	63.0	19-115				
Benzaldehyde	0.462	0.0859	"	0.858	ND	53.8	10-125				
Benzo(a)anthracene	0.404	0.0859	"	0.858	ND	47.0	10-158				
Benzo(a)pyrene	0.354	0.0859	"	0.858	ND	41.2	10-180				
Benzo(b)fluoranthene	0.385	0.0859	"	0.858	ND	44.9	10-200				
Benzo(g,h,i)perylene	0.348	0.0859	"	0.858	ND	40.6	10-138				
Benzo(k)fluoranthene	0.387	0.0859	"	0.858	ND	45.1	10-197				
Benzoic acid	0.361	0.0859	"	0.858	ND	42.1	10-166				
Benzyl alcohol	0.315	0.0859	"	0.858	ND	36.7	12-124				
Benzyl butyl phthalate	0.396	0.0859	"	0.858	ND	46.1	10-154				
Bis(2-chloroethoxy)methane	0.325	0.0859	"	0.858	ND	37.9	10-132				
Bis(2-chloroethyl)ether	0.319	0.0859	"	0.858	ND	37.2	10-119				
Bis(2-chloroisopropyl)ether	0.277	0.0859	"	0.858	ND	32.2	10-139				
Bis(2-ethylhexyl)phthalate	0.389	0.0859	"	0.858	ND	45.3	10-167				
Caprolactam	0.540	0.172	"	0.858	ND	63.0	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20196 - EPA 3546 SVOA											
Matrix Spike (BI20196-MS1) Matrix Spike *Source sample: 22H1677-06 (SB06_18-20)								Prepared: 09/06/2022 Analyzed: 09/08/2022			
Carbazole	0.405	0.0859	mg/kg dry	0.858	ND	47.2	10-167				
Chrysene	0.389	0.0859	"	0.858	ND	45.3	10-156				
Dibenzo(a,h)anthracene	0.365	0.0859	"	0.858	ND	42.6	10-137				
Dibenzofuran	0.380	0.0859	"	0.858	ND	44.2	10-147				
Diethyl phthalate	0.345	0.0859	"	0.858	ND	40.2	20-120				
Dimethyl phthalate	0.347	0.0859	"	0.858	ND	40.5	18-131				
Di-n-butyl phthalate	0.349	0.0859	"	0.858	ND	40.7	10-137				
Di-n-octyl phthalate	0.396	0.0859	"	0.858	ND	46.2	10-180				
Fluoranthene	0.408	0.0859	"	0.858	ND	47.5	10-160				
Fluorene	0.388	0.0859	"	0.858	ND	45.2	10-157				
Hexachlorobenzene	0.338	0.0859	"	0.858	ND	39.4	10-137				
Hexachlorobutadiene	0.447	0.0859	"	0.858	ND	52.1	10-132				
Hexachlorocyclopentadiene	ND	0.0859	"	0.858	ND		10-106	Low Bias			
Hexachloroethane	0.222	0.0859	"	0.858	ND	25.8	10-110				
Indeno(1,2,3-cd)pyrene	0.352	0.0859	"	0.858	ND	41.0	10-144				
Isophorone	0.343	0.0859	"	0.858	ND	40.0	10-132				
Naphthalene	0.374	0.0859	"	0.858	ND	43.6	10-141				
Nitrobenzene	0.356	0.0859	"	0.858	ND	41.5	10-131				
N-Nitrosodimethylamine	0.258	0.0859	"	0.858	ND	30.1	10-126				
N-nitroso-di-n-propylamine	0.290	0.0859	"	0.858	ND	33.8	10-125				
N-Nitrosodiphenylamine	0.435	0.0859	"	0.858	ND	50.6	10-177				
Pentachlorophenol	0.530	0.0859	"	0.858	ND	61.8	10-153				
Phenanthrene	0.392	0.0859	"	0.858	ND	45.7	10-148				
Phenol	0.318	0.0859	"	0.858	ND	37.0	10-126				
Pyrene	0.391	0.0859	"	0.858	ND	45.6	10-165				
Pyridine	0.231	0.344	"	0.858	ND	27.0	10-83				
Surrogate: SURR: 2-Fluorophenol	*0.910*		*"*	*1.72*		*53.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.825*		*"*	*1.72*		*48.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.480*		*"*	*0.858*		*55.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.467*		*"*	*0.858*		*54.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.46*		*"*	*1.72*		*85.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.604*		*"*	*0.858*		*70.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20196 - EPA 3546 SVOA											
Matrix Spike Dup (BI20196-M Matrix Spike Dup	*Source sample: 22H1677-06 (SB06_18-20)							Prepared: 09/06/2022 Analyzed: 09/08/2022			
1,1-Biphenyl	0.466	0.0859	mg/kg dry	0.858	ND	54.3	10-130		11.4	30	
1,2,4,5-Tetrachlorobenzene	0.361	0.172	"	0.858	ND	42.1	10-133		12.5	30	
1,2,4-Trichlorobenzene	0.363	0.0859	"	0.858	ND	42.2	10-127		11.4	30	
1,2-Dichlorobenzene	0.323	0.0859	"	0.858	ND	37.6	14-111		5.18	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.247	0.0859	"	0.858	ND	28.7	10-144		12.5	30	
1,3-Dichlorobenzene	0.311	0.0859	"	0.858	ND	36.2	11-111		10.9	30	
1,4-Dichlorobenzene	0.322	0.0859	"	0.858	ND	37.5	10-106		5.19	30	
2,3,4,6-Tetrachlorophenol	0.470	0.172	"	0.858	ND	54.7	30-130		14.9	30	
2,4,5-Trichlorophenol	0.375	0.0859	"	0.858	ND	43.7	10-127		14.3	30	
2,4,6-Trichlorophenol	0.378	0.0859	"	0.858	ND	44.1	10-132		17.4	30	
2,4-Dichlorophenol	0.369	0.0859	"	0.858	ND	43.0	10-128		16.1	30	
2,4-Dimethylphenol	0.349	0.0859	"	0.858	ND	40.6	10-137		11.5	30	
2,4-Dinitrophenol	ND	0.172	"	0.858	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.309	0.0859	"	0.858	ND	36.0	16-135		19.1	30	
2,6-Dinitrotoluene	0.323	0.0859	"	0.858	ND	37.7	18-131		18.8	30	
2-Chloronaphthalene	0.319	0.0859	"	0.858	ND	37.1	10-129		8.66	30	
2-Chlorophenol	0.321	0.0859	"	0.858	ND	37.4	15-116		13.0	30	
2-Methylnaphthalene	0.354	0.0859	"	0.858	ND	41.3	10-147		7.64	30	
2-Methylphenol	0.293	0.0859	"	0.858	ND	34.1	10-136		15.4	30	
2-Nitroaniline	0.393	0.172	"	0.858	ND	45.8	10-137		13.7	30	
2-Nitrophenol	0.319	0.0859	"	0.858	ND	37.2	10-129		15.5	30	
3- & 4-Methylphenols	0.275	0.0859	"	0.858	ND	32.0	10-123		9.07	30	
3,3-Dichlorobenzidine	0.345	0.0859	"	0.858	ND	40.2	10-155		5.73	30	
3-Nitroaniline	0.398	0.172	"	0.858	ND	46.3	12-133		12.3	30	
4,6-Dinitro-2-methylphenol	ND	0.172	"	0.858	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.351	0.0859	"	0.858	ND	40.9	14-128		10.7	30	
4-Chloro-3-methylphenol	0.360	0.0859	"	0.858	ND	41.9	10-134		10.8	30	
4-Chloroaniline	0.319	0.0859	"	0.858	ND	37.2	10-145		11.0	30	
4-Chlorophenyl phenyl ether	0.344	0.0859	"	0.858	ND	40.1	14-130		15.5	30	
4-Nitroaniline	0.401	0.172	"	0.858	ND	46.7	10-147		19.2	30	
4-Nitrophenol	0.322	0.172	"	0.858	ND	37.5	10-137		21.8	30	
Acenaphthene	0.317	0.0859	"	0.858	ND	37.0	10-146		17.6	30	
Acenaphthylene	0.300	0.0859	"	0.858	ND	35.0	10-134		10.6	30	
Acetophenone	0.411	0.0859	"	0.858	ND	47.8	10-116		7.72	30	
Aniline	0.244	0.344	"	0.858	ND	28.4	10-123		13.4	30	
Anthracene	0.347	0.0859	"	0.858	ND	40.5	10-142		16.3	30	
Atrazine	0.452	0.0859	"	0.858	ND	52.6	19-115		17.9	30	
Benzaldehyde	0.420	0.0859	"	0.858	ND	48.9	10-125		9.66	30	
Benzo(a)anthracene	0.353	0.0859	"	0.858	ND	41.1	10-158		13.4	30	
Benzo(a)pyrene	0.304	0.0859	"	0.858	ND	35.4	10-180		15.0	30	
Benzo(b)fluoranthene	0.330	0.0859	"	0.858	ND	38.4	10-200		15.6	30	
Benzo(g,h,i)perylene	0.306	0.0859	"	0.858	ND	35.6	10-138		13.0	30	
Benzo(k)fluoranthene	0.324	0.0859	"	0.858	ND	37.8	10-197		17.8	30	
Benzoic acid	0.530	0.0859	"	0.858	ND	61.8	10-166		37.9	30	Non-dir.
Benzyl alcohol	0.291	0.0859	"	0.858	ND	33.9	12-124		7.93	30	
Benzyl butyl phthalate	0.336	0.0859	"	0.858	ND	39.2	10-154		16.1	30	
Bis(2-chloroethoxy)methane	0.294	0.0859	"	0.858	ND	34.2	10-132		10.2	30	
Bis(2-chloroethyl)ether	0.283	0.0859	"	0.858	ND	33.0	10-119		12.1	30	
Bis(2-chloroisopropyl)ether	0.250	0.0859	"	0.858	ND	29.1	10-139		10.2	30	
Bis(2-ethylhexyl)phthalate	0.343	0.0859	"	0.858	ND	39.9	10-167		12.6	30	
Caprolactam	0.495	0.172	"	0.858	ND	57.7	10-132		8.75	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BI20196 - EPA 3546 SVOA

Matrix Spike Dup (BI20196-M Matrix Spike Dup *Source sample: 22H1677-06 (SB06_18-20) Prepared: 09/06/2022 Analyzed: 09/08/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Carbazole	0.352	0.0859	mg/kg dry	0.858	ND	41.0	10-167		14.2	30	
Chrysene	0.334	0.0859	"	0.858	ND	38.9	10-156		15.2	30	
Dibenzo(a,h)anthracene	0.311	0.0859	"	0.858	ND	36.2	10-137		16.0	30	
Dibenzofuran	0.333	0.0859	"	0.858	ND	38.8	10-147		13.1	30	
Diethyl phthalate	0.299	0.0859	"	0.858	ND	34.8	20-120		14.3	30	
Dimethyl phthalate	0.304	0.0859	"	0.858	ND	35.4	18-131		13.3	30	
Di-n-butyl phthalate	0.303	0.0859	"	0.858	ND	35.4	10-137		14.1	30	
Di-n-octyl phthalate	0.354	0.0859	"	0.858	ND	41.2	10-180		11.4	30	
Fluoranthene	0.349	0.0859	"	0.858	ND	40.6	10-160		15.6	30	
Fluorene	0.338	0.0859	"	0.858	ND	39.4	10-157		13.8	30	
Hexachlorobenzene	0.305	0.0859	"	0.858	ND	35.5	10-137		10.3	30	
Hexachlorobutadiene	0.406	0.0859	"	0.858	ND	47.3	10-132		9.66	30	
Hexachlorocyclopentadiene	ND	0.0859	"	0.858	ND		10-106	Low Bias		30	
Hexachloroethane	0.201	0.0859	"	0.858	ND	23.4	10-110		9.74	30	
Indeno(1,2,3-cd)pyrene	0.299	0.0859	"	0.858	ND	34.8	10-144		16.3	30	
Isophorone	0.307	0.0859	"	0.858	ND	35.8	10-132		11.2	30	
Naphthalene	0.348	0.0859	"	0.858	ND	40.6	10-141		7.22	30	
Nitrobenzene	0.332	0.0859	"	0.858	ND	38.7	10-131		6.98	30	
N-Nitrosodimethylamine	0.236	0.0859	"	0.858	ND	27.4	10-126		9.18	30	
N-nitroso-di-n-propylamine	0.260	0.0859	"	0.858	ND	30.3	10-125		11.0	30	
N-Nitrosodiphenylamine	0.361	0.0859	"	0.858	ND	42.1	10-177		18.5	30	
Pentachlorophenol	0.422	0.0859	"	0.858	ND	49.2	10-153		22.6	30	
Phenanthrene	0.342	0.0859	"	0.858	ND	39.8	10-148		13.7	30	
Phenol	0.296	0.0859	"	0.858	ND	34.5	10-126		7.16	30	
Pyrene	0.349	0.0859	"	0.858	ND	40.7	10-165		11.3	30	
Pyridine	0.198	0.344	"	0.858	ND	23.0	10-83		15.7	30	
Surrogate: SURR: 2-Fluorophenol	*0.801*		*"*	*1.72*		*46.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.743*		*"*	*1.72*		*43.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.432*		*"*	*0.858*		*50.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.400*		*"*	*0.858*		*46.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.24*		*"*	*1.72*		*72.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.516*		*"*	*0.858*		*60.2*	*24-116*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20320 - % Solids Prep											
Duplicate (BI20320-DUP1) Duplicate	*Source sample: 22H1677-07 (SB05_2-3)							Prepared & Analyzed: 09/08/2022			
% Solids	89.1	0.100	%		88.8				0.365	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22H1677-02	SB03_0.5-2.5	40mL Vial with Stir Bar-Cool 4° C
22H1677-03	SB04_20-22	40mL Vial with Stir Bar-Cool 4° C
22H1677-04	TMW04	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22H1677-05	TMW06	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22H1677-06	SB06_18-20	40mL Vial with Stir Bar-Cool 4° C
22H1677-07	SB05_2-3	40mL Vial with Stir Bar-Cool 4° C
22H1677-09	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
EXT-D	The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: The lab received a Trip Blank that was not listed on the COC. The TB samples was logged for analysis.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 22H1677

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675 | Page ____ of ____

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 360 W 31st STREET NEW YORK NY 10001	Address:	Address:
Phone.: 347 527.0691	Phone.:	Phone.:
Contact: MAT FRANKEL	Contact: CMCMAHON@LANGAN.COM	Contact:
E-mail: MFRANKEL@LANGAN.COM	E-mail: LKOTT@LANGAN.COM	E-mail:

YOUR Project Number: 10101550 1

YOUR Project Name: 16-63 CODY

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB03_20-22	S	8/29/22 09:15	VOCs, SVOCs - HOLD	3VOA, 1VIAL, 1 oz
SB03_0.5-2.5	S	8/29/22 09:30	VOCs, SVOCs	↓
SB04_20-22	S	8/29/22 10:30	VOCs, SVOCs	
TMW04	GW	8/29/22 11:35	VOCs, SVOCs	3Amb 1L, 3VOA
TMW06	GW	8/29/22 14:00	VOCs, SVOCs	— " —
SB06_18-20	S	8/29/22 14:25	VOCs, SVOCs	3VOA, 1VIAL, 1-8 oz
SB05_2-3	S	8/29/22 12:55	↓ - HOLD	↓
SB05_25-27	S	8/29/22 13:00		

Comments:

Preservation: (check all that apply) HCl X MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
MM / LANGAN	8/29/22 15:00	1. Samples Received by / Company: [signature]	8/29/22 1500
Samples Received by / Company: I.B	8.29.22 1531	3. Samples Relinquished by / Company: I.B	8.29.22 1845
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time

Samples Relinquished by / Company	Date/Time
2. Samples Relinquished by / Company: [signature]	8.29.22 1531
Samples Received by / Company	Date/Time
Samples Received in LAB by: [signature]	Date/Time: 8/29/22 1845 — Temperature: 4.5 Degrees C

ANALYTICAL REPORT

Lab Number:	L2259388
Client:	Langan Engineering & Environmental 300 Kimball Drive 4th Floor Parsippany, NJ 07054
ATTN:	Lauren Kott
Phone:	(973) 560-4807
Project Name:	16-63 CODY AVENUE
Project Number:	101015501
Report Date:	10/27/22

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2259388-01	SB07_1-3	SOIL	QUEENS, NY	10/24/22 10:10	10/24/22
L2259388-02	SB07_5-7	SOIL	QUEENS, NY	10/24/22 11:20	10/24/22
L2259388-03	SB08_5-7	SOIL	QUEENS, NY	10/24/22 13:10	10/24/22
L2259388-04	SB08_51-53	SOIL	QUEENS, NY	10/24/22 14:45	10/24/22
L2259388-05	SB11_2-4	SOIL	QUEENS, NY	10/24/22 13:55	10/24/22
L2259388-06	20221024_TB	WATER	QUEENS, NY	10/24/22 00:00	10/24/22

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2259388
Project Number:	101015501	**Report Date:**	10/27/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2259388
Project Number:	101015501	**Report Date:**	10/27/22

Case Narrative (continued)

Report Submission

October 27, 2022: This final report includes the results of all requested analyses.

October 27, 2022: 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.

Volatile Organics

L2259388-03: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (41%) and the surrogate recovery for 4-bromofluorobenzene (132%) were outside the acceptance criteria; however, re-analysis achieved the following result: 1,4-dichlorobenzene-d4 (47%). The results of both analyses are reported.

Semivolatile Organics

L2259388-01D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

L2259388-01 through -05: 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.

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: 10/27/22

ORGANICS

VOLATILES

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-01
Client ID: SB07_1-3
Sample Location: QUEENS, NY

Date Collected: 10/24/22 10:10
Date Received: 10/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/26/22 03:00
Analyst: JIC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	310	140	1
1,1-Dichloroethane	ND		ug/kg	62	9.0	1
Chloroform	ND		ug/kg	93	8.7	1
Carbon tetrachloride	ND		ug/kg	62	14.	1
1,2-Dichloropropane	ND		ug/kg	62	7.7	1
Dibromochloromethane	ND		ug/kg	62	8.7	1
1,1,2-Trichloroethane	ND		ug/kg	62	16.	1
Tetrachloroethene	320		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	9.8	1
1,3-Dichloropropene, Total	ND		ug/kg	31	9.8	1
1,1-Dichloropropene	ND		ug/kg	31	9.8	1
Bromoform	ND		ug/kg	250	15.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	31	10.	1
Benzene	ND		ug/kg	31	10.	1
Toluene	ND		ug/kg	62	34.	1
Ethylbenzene	16	J	ug/kg	62	8.7	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	470		ug/kg	93	8.5	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-01 Date Collected: 10/24/22 10:10

Client ID: SB07_1-3 Date Received: 10/24/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	3100		ug/kg	31	8.5	1
1,2-Dichlorobenzene	9.8	J	ug/kg	120	8.9	1
1,3-Dichlorobenzene	ND		ug/kg	120	9.2	1
1,4-Dichlorobenzene	ND		ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	74	J	ug/kg	120	35.	1
o-Xylene	21	J	ug/kg	62	18.	1
Xylenes, Total	95	J	ug/kg	62	18.	1
cis-1,2-Dichloroethene	2100		ug/kg	62	11.	1
1,2-Dichloroethene, Total	2600		ug/kg	62	8.5	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	79.	1
1,2,3-Trichloropropane	ND		ug/kg	120	7.9	1
2-Hexanone	ND		ug/kg	620	73.	1
Bromochloromethane	ND		ug/kg	120	13.	1
2,2-Dichloropropane	ND		ug/kg	120	12.	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	9.0	1
tert-Butylbenzene	ND		ug/kg	120	7.3	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	180	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	77	J	ug/kg	250	40.	1
Acrylonitrile	ND		ug/kg	250	71.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-01 Date Collected: 10/24/22 10:10

Client ID: SB07_1-3 Date Received: 10/24/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	62	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	16	J	ug/kg	120	12.	1
1,2,4-Trimethylbenzene	38	J	ug/kg	120	21.	1
1,4-Dioxane	ND		ug/kg	5000	2200	1
p-Diethylbenzene	34	J	ug/kg	120	11.	1
p-Ethyltoluene	49	J	ug/kg	120	24.	1
1,2,4,5-Tetramethylbenzene	13	J	ug/kg	120	12.	1
Ethyl ether	ND		ug/kg	120	21.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	310	88.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	98		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-02
Client ID: SB07_5-7
Sample Location: QUEENS, NY

Date Collected: 10/24/22 11:20
Date Received: 10/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/26/22 00:34
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.11	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.24	1
Tetrachloroethene	2.2		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-02 Date Collected: 10/24/22 11:20

Client ID: SB07_5-7 Date Received: 10/24/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	1.8		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.92	0.27	1
Xylenes, Total	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	0.61	J	ug/kg	0.92	0.16	1
1,2-Dichloroethene, Total	0.61	J	ug/kg	0.92	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	11		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	2.0	J	ug/kg	9.2	2.0	1
Vinyl acetate	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
Naphthalene	0.78	J	ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.0	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-02 Date Collected: 10/24/22 11:20

Client ID: SB07_5-7 Date Received: 10/24/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	100		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-03
Client ID: SB08_5-7
Sample Location: QUEENS, NY

Date Collected: 10/24/22 13:10
Date Received: 10/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/26/22 00:55
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	2.5		ug/kg	1.6	0.14	1
Carbon tetrachloride	3.0		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	400	E	ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.1	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-03 Date Collected: 10/24/22 13:10

Client ID: SB08_5-7 Date Received: 10/24/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	150		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	0.26	J	ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	0.26	J	ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	1.6	J	ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-03 Date Collected: 10/24/22 13:10

Client ID: SB08_5-7 Date Received: 10/24/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	**132**	Q	70-130
Dibromofluoromethane	96		70-130

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-03 R
Client ID: SB08_5-7
Sample Location: QUEENS, NY

Date Collected: 10/24/22 13:10
Date Received: 10/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/27/22 09:12
Analyst: NLK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	1.7		ug/kg	1.5	0.14	1
Carbon tetrachloride	1.7		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	170		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-03 R Date Collected: 10/24/22 13:10

Client ID: SB08_5-7 Date Received: 10/24/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	79		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	0.38	J	ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	0.38	J	ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	0.73	J	ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-03 R Date Collected: 10/24/22 13:10

Client ID: SB08_5-7 Date Received: 10/24/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	127		70-130
Dibromofluoromethane	95		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-04
Client ID: SB08_51-53
Sample Location: QUEENS, NY

Date Collected: 10/24/22 14:45
Date Received: 10/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/26/22 01:16
Analyst: JIC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
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	0.30	1
Tetrachloroethene	1.5		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	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: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-04 Date Collected: 10/24/22 14:45

Client ID: SB08_51-53 Date Received: 10/24/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.41	J	ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	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	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	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	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	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	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	0.77	J	ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-04 Date Collected: 10/24/22 14:45

Client ID: SB08_51-53 Date Received: 10/24/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - 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	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	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	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-05
Client ID: SB11_2-4
Sample Location: QUEENS, NY

Date Collected: 10/24/22 13:55
Date Received: 10/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/26/22 03:21
Analyst: JIC
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	370	170	1
1,1-Dichloroethane	ND		ug/kg	74	11.	1
Chloroform	ND		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	74	17.	1
1,2-Dichloropropane	ND		ug/kg	74	9.3	1
Dibromochloromethane	ND		ug/kg	74	10.	1
1,1,2-Trichloroethane	ND		ug/kg	74	20.	1
Tetrachloroethene	2200		ug/kg	37	14.	1
Chlorobenzene	ND		ug/kg	37	9.4	1
Trichlorofluoromethane	ND		ug/kg	300	52.	1
1,2-Dichloroethane	ND		ug/kg	74	19.	1
1,1,1-Trichloroethane	ND		ug/kg	37	12.	1
Bromodichloromethane	ND		ug/kg	37	8.1	1
trans-1,3-Dichloropropene	ND		ug/kg	74	20.	1
cis-1,3-Dichloropropene	ND		ug/kg	37	12.	1
1,3-Dichloropropene, Total	ND		ug/kg	37	12.	1
1,1-Dichloropropene	ND		ug/kg	37	12.	1
Bromoform	ND		ug/kg	300	18.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	37	12.	1
Benzene	ND		ug/kg	37	12.	1
Toluene	ND		ug/kg	74	40.	1
Ethylbenzene	ND		ug/kg	74	10.	1
Chloromethane	ND		ug/kg	300	69.	1
Bromomethane	ND		ug/kg	150	43.	1
Vinyl chloride	ND		ug/kg	74	25.	1
Chloroethane	ND		ug/kg	150	34.	1
1,1-Dichloroethene	ND		ug/kg	74	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	10.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-05 Date Collected: 10/24/22 13:55

Client ID: SB11_2-4 Date Received: 10/24/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	4700		ug/kg	37	10.	1
1,2-Dichlorobenzene	ND		ug/kg	150	11.	1
1,3-Dichlorobenzene	ND		ug/kg	150	11.	1
1,4-Dichlorobenzene	ND		ug/kg	150	13.	1
Methyl tert butyl ether	ND		ug/kg	150	15.	1
p/m-Xylene	ND		ug/kg	150	42.	1
o-Xylene	ND		ug/kg	74	22.	1
Xylenes, Total	ND		ug/kg	74	22.	1
cis-1,2-Dichloroethene	ND		ug/kg	74	13.	1
1,2-Dichloroethene, Total	ND		ug/kg	74	10.	1
Dibromomethane	ND		ug/kg	150	18.	1
Styrene	ND		ug/kg	74	14.	1
Dichlorodifluoromethane	ND		ug/kg	740	68.	1
Acetone	ND		ug/kg	740	360	1
Carbon disulfide	ND		ug/kg	740	340	1
2-Butanone	ND		ug/kg	740	160	1
Vinyl acetate	ND		ug/kg	740	160	1
4-Methyl-2-pentanone	ND		ug/kg	740	95.	1
1,2,3-Trichloropropane	ND		ug/kg	150	9.4	1
2-Hexanone	ND		ug/kg	740	87.	1
Bromochloromethane	ND		ug/kg	150	15.	1
2,2-Dichloropropane	ND		ug/kg	150	15.	1
1,2-Dibromoethane	ND		ug/kg	74	21.	1
1,3-Dichloropropane	ND		ug/kg	150	12.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	37	9.8	1
Bromobenzene	ND		ug/kg	150	11.	1
n-Butylbenzene	ND		ug/kg	74	12.	1
sec-Butylbenzene	ND		ug/kg	74	11.	1
tert-Butylbenzene	ND		ug/kg	150	8.7	1
o-Chlorotoluene	ND		ug/kg	150	14.	1
p-Chlorotoluene	ND		ug/kg	150	8.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	220	74.	1
Hexachlorobutadiene	ND		ug/kg	300	12.	1
Isopropylbenzene	ND		ug/kg	74	8.1	1
p-Isopropyltoluene	ND		ug/kg	74	8.1	1
Naphthalene	88	J	ug/kg	300	48.	1
Acrylonitrile	ND		ug/kg	300	85.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-05 Date Collected: 10/24/22 13:55

Client ID: SB11_2-4 Date Received: 10/24/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	74	13.	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	20.	1
1,3,5-Trimethylbenzene	ND		ug/kg	150	14.	1
1,2,4-Trimethylbenzene	ND		ug/kg	150	25.	1
1,4-Dioxane	ND		ug/kg	5900	2600	1
p-Diethylbenzene	ND		ug/kg	150	13.	1
p-Ethyltoluene	ND		ug/kg	150	28.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	150	14.	1
Ethyl ether	ND		ug/kg	150	25.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	370	100	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	98		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-06
Client ID: 20221024_TB
Sample Location: QUEENS, NY

Date Collected: 10/24/22 00:00
Date Received: 10/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/25/22 11:50
Analyst: KJD

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: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-06 Date Collected: 10/24/22 00:00

Client ID: 20221024_TB Date Received: 10/24/22

Sample Location: QUEENS, 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: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-06 Date Collected: 10/24/22 00:00

Client ID: 20221024_TB Date Received: 10/24/22

Sample Location: QUEENS, 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	99		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	116		70-130

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/25/22 08:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1704082-5					
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: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/25/22 08:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1704082-5					
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: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/25/22 08:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1704082-5					
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	115		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	113		70-130

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/25/22 20:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-04 Batch: WG1704268-5					
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: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/25/22 20:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-04 Batch: WG1704268-5					
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: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/25/22 20:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-04 Batch: WG1704268-5					
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	1.5	J	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	80	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	122		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/25/22 20:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,05 Batch: WG1704270-5					
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: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/25/22 20:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,05 Batch: WG1704270-5					
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: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/25/22 20:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,05 Batch: WG1704270-5					
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	74	J	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	4000	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	122		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/27/22 08:28
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1704917-5					
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: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/27/22 08:28
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1704917-5					
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: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

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Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/27/22 08:28
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1704917-5					
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	80	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	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1704082-3 WG1704082-4								
Methylene chloride	100		97		70-130	3		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		98		63-132	2		20
1,2-Dichloropropane	99		100		70-130	1		20
Dibromochloromethane	82		88		63-130	7		20
1,1,2-Trichloroethane	89		94		70-130	5		20
Tetrachloroethene	96		94		70-130	2		20
Chlorobenzene	96		97		75-130	1		20
Trichlorofluoromethane	98		95		62-150	3		20
1,2-Dichloroethane	94		99		70-130	5		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	91		95		67-130	4		20
trans-1,3-Dichloropropene	77		83		70-130	8		20
cis-1,3-Dichloropropene	85		88		70-130	3		20
1,1-Dichloropropene	97		95		70-130	2		20
Bromoform	73		80		54-136	9		20
1,1,2,2-Tetrachloroethane	82		91		67-130	10		20
Benzene	100		100		70-130	0		20
Toluene	96		98		70-130	2		20
Ethylbenzene	98		99		70-130	1		20
Chloromethane	110		100		64-130	10		20
Bromomethane	64		66		39-139	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1704082-3 WG1704082-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	100		97		55-138	3		20
1,1-Dichloroethene	92		93		61-145	1		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	99		100		70-130	1		20
1,2-Dichlorobenzene	93		95		70-130	2		20
1,3-Dichlorobenzene	94		95		70-130	1		20
1,4-Dichlorobenzene	96		97		70-130	1		20
Methyl tert butyl ether	84		94		63-130	11		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	89		97		70-130	9		20
1,2,3-Trichloropropane	85		95		64-130	11		20
Acrylonitrile	96		110		70-130	14		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	99		110		58-148	11		20
Carbon disulfide	98		97		51-130	1		20
2-Butanone	86		110		63-138	**24**	Q	20
Vinyl acetate	78		88		70-130	12		20
4-Methyl-2-pentanone	84		89		59-130	6		20
2-Hexanone	85		100		57-130	16		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1704082-3 WG1704082-4								
Bromochloromethane	93		96		70-130	3		20
2,2-Dichloropropane	110		100		63-133	10		20
1,2-Dibromoethane	85		91		70-130	7		20
1,3-Dichloropropane	88		95		70-130	8		20
1,1,1,2-Tetrachloroethane	83		87		64-130	5		20
Bromobenzene	90		93		70-130	3		20
n-Butylbenzene	92		92		53-136	0		20
sec-Butylbenzene	93		94		70-130	1		20
tert-Butylbenzene	92		94		70-130	2		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	84		96		41-144	13		20
Hexachlorobutadiene	84		84		63-130	0		20
Isopropylbenzene	99		100		70-130	1		20
p-Isopropyltoluene	90		90		70-130	0		20
Naphthalene	83		90		70-130	8		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	85		89		70-130	5		20
1,2,4-Trichlorobenzene	86		87		70-130	1		20
1,3,5-Trimethylbenzene	96		96		64-130	0		20
1,2,4-Trimethylbenzene	93		96		70-130	3		20
1,4-Dioxane	80		96		56-162	18		20
p-Diethylbenzene	90		90		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1704082-3 WG1704082-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	91		92		70-130	1		20
Ethyl ether	80		87		59-134	8		20
trans-1,4-Dichloro-2-butene	92		100		70-130	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		104		70-130
Toluene-d8	104		103		70-130
4-Bromofluorobenzene	107		108		70-130
Dibromofluoromethane	99		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-04 Batch: WG1704268-3 WG1704268-4								
Methylene chloride	98		96		70-130	2		30
1,1-Dichloroethane	97		92		70-130	5		30
Chloroform	107		104		70-130	3		30
Carbon tetrachloride	111		109		70-130	2		30
1,2-Dichloropropane	93		92		70-130	1		30
Dibromochloromethane	104		104		70-130	0		30
1,1,2-Trichloroethane	98		98		70-130	0		30
Tetrachloroethene	117		118		70-130	1		30
Chlorobenzene	106		106		70-130	0		30
Trichlorofluoromethane	121		116		70-139	4		30
1,2-Dichloroethane	109		105		70-130	4		30
1,1,1-Trichloroethane	112		110		70-130	2		30
Bromodichloromethane	101		98		70-130	3		30
trans-1,3-Dichloropropene	103		101		70-130	2		30
cis-1,3-Dichloropropene	105		103		70-130	2		30
1,1-Dichloropropene	108		106		70-130	2		30
Bromoform	96		98		70-130	2		30
1,1,2,2-Tetrachloroethane	83		81		70-130	2		30
Benzene	103		101		70-130	2		30
Toluene	102		100		70-130	2		30
Ethylbenzene	104		103		70-130	1		30
Chloromethane	78		76		52-130	3		30
Bromomethane	138		126		57-147	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-04 Batch: WG1704268-3 WG1704268-4								
Vinyl chloride	94		91		67-130	3		30
Chloroethane	94		92		50-151	2		30
1,1-Dichloroethene	109		106		65-135	3		30
trans-1,2-Dichloroethene	100		100		70-130	0		30
Trichloroethene	109		107		70-130	2		30
1,2-Dichlorobenzene	104		106		70-130	2		30
1,3-Dichlorobenzene	104		104		70-130	0		30
1,4-Dichlorobenzene	104		104		70-130	0		30
Methyl tert butyl ether	103		99		66-130	4		30
p/m-Xylene	109		108		70-130	1		30
o-Xylene	106		105		70-130	1		30
cis-1,2-Dichloroethene	100		99		70-130	1		30
Dibromomethane	105		103		70-130	2		30
Styrene	106		104		70-130	2		30
Dichlorodifluoromethane	106		104		30-146	2		30
Acetone	80		78		54-140	3		30
Carbon disulfide	76		74		59-130	3		30
2-Butanone	**66**	Q	**59**	Q	70-130	11		30
Vinyl acetate	**67**	Q	**59**	Q	70-130	13		30
4-Methyl-2-pentanone	79		75		70-130	5		30
1,2,3-Trichloropropane	98		95		68-130	3		30
2-Hexanone	75		70		70-130	7		30
Bromochloromethane	106		102		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-04 Batch: WG1704268-3 WG1704268-4								
2,2-Dichloropropane	100		96		70-130	4		30
1,2-Dibromoethane	106		104		70-130	2		30
1,3-Dichloropropane	103		104		69-130	1		30
1,1,1,2-Tetrachloroethane	109		110		70-130	1		30
Bromobenzene	104		105		70-130	1		30
n-Butylbenzene	102		103		70-130	1		30
sec-Butylbenzene	101		101		70-130	0		30
tert-Butylbenzene	100		101		70-130	1		30
o-Chlorotoluene	116		116		70-130	0		30
p-Chlorotoluene	101		102		70-130	1		30
1,2-Dibromo-3-chloropropane	88		89		68-130	1		30
Hexachlorobutadiene	111		113		67-130	2		30
Isopropylbenzene	99		100		70-130	1		30
p-Isopropyltoluene	101		102		70-130	1		30
Naphthalene	100		99		70-130	1		30
Acrylonitrile	78		73		70-130	7		30
n-Propylbenzene	101		101		70-130	0		30
1,2,3-Trichlorobenzene	110		108		70-130	2		30
1,2,4-Trichlorobenzene	109		108		70-130	1		30
1,3,5-Trimethylbenzene	102		103		70-130	1		30
1,2,4-Trimethylbenzene	102		102		70-130	0		30
1,4-Dioxane	94		88		65-136	7		30
p-Diethylbenzene	100		101		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-04 Batch: WG1704268-3 WG1704268-4								
p-Ethyltoluene	103		103		70-130	0		30
1,2,4,5-Tetramethylbenzene	102		103		70-130	1		30
Ethyl ether	109		107		67-130	2		30
trans-1,4-Dichloro-2-butene	82		83		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		107		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	97		98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,05 Batch: WG1704270-3 WG1704270-4								
Methylene chloride	98		96		70-130	2		30
1,1-Dichloroethane	97		92		70-130	5		30
Chloroform	107		104		70-130	3		30
Carbon tetrachloride	111		109		70-130	2		30
1,2-Dichloropropane	93		92		70-130	1		30
Dibromochloromethane	104		104		70-130	0		30
1,1,2-Trichloroethane	98		98		70-130	0		30
Tetrachloroethene	117		118		70-130	1		30
Chlorobenzene	106		106		70-130	0		30
Trichlorofluoromethane	121		116		70-139	4		30
1,2-Dichloroethane	109		105		70-130	4		30
1,1,1-Trichloroethane	112		110		70-130	2		30
Bromodichloromethane	101		98		70-130	3		30
trans-1,3-Dichloropropene	103		101		70-130	2		30
cis-1,3-Dichloropropene	105		103		70-130	2		30
1,1-Dichloropropene	108		106		70-130	2		30
Bromoform	96		98		70-130	2		30
1,1,2,2-Tetrachloroethane	83		81		70-130	2		30
Benzene	103		101		70-130	2		30
Toluene	102		100		70-130	2		30
Ethylbenzene	104		103		70-130	1		30
Chloromethane	78		76		52-130	3		30
Bromomethane	138		126		57-147	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,05 Batch: WG1704270-3 WG1704270-4								
Vinyl chloride	94		91		67-130	3		30
Chloroethane	94		92		50-151	2		30
1,1-Dichloroethene	109		106		65-135	3		30
trans-1,2-Dichloroethene	100		100		70-130	0		30
Trichloroethene	109		107		70-130	2		30
1,2-Dichlorobenzene	104		106		70-130	2		30
1,3-Dichlorobenzene	104		104		70-130	0		30
1,4-Dichlorobenzene	104		104		70-130	0		30
Methyl tert butyl ether	103		99		66-130	4		30
p/m-Xylene	109		108		70-130	1		30
o-Xylene	106		105		70-130	1		30
cis-1,2-Dichloroethene	100		99		70-130	1		30
Dibromomethane	105		103		70-130	2		30
Styrene	106		104		70-130	2		30
Dichlorodifluoromethane	106		104		30-146	2		30
Acetone	80		78		54-140	3		30
Carbon disulfide	76		74		59-130	3		30
2-Butanone	**66**	Q	**59**	Q	70-130	11		30
Vinyl acetate	**67**	Q	**59**	Q	70-130	13		30
4-Methyl-2-pentanone	79		75		70-130	5		30
1,2,3-Trichloropropane	98		95		68-130	3		30
2-Hexanone	75		70		70-130	7		30
Bromochloromethane	106		102		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,05 Batch: WG1704270-3 WG1704270-4								
2,2-Dichloropropane	100		96		70-130	4		30
1,2-Dibromoethane	106		104		70-130	2		30
1,3-Dichloropropane	103		104		69-130	1		30
1,1,1,2-Tetrachloroethane	109		110		70-130	1		30
Bromobenzene	104		105		70-130	1		30
n-Butylbenzene	102		103		70-130	1		30
sec-Butylbenzene	101		101		70-130	0		30
tert-Butylbenzene	100		101		70-130	1		30
o-Chlorotoluene	116		116		70-130	0		30
p-Chlorotoluene	101		102		70-130	1		30
1,2-Dibromo-3-chloropropane	88		89		68-130	1		30
Hexachlorobutadiene	111		113		67-130	2		30
Isopropylbenzene	99		100		70-130	1		30
p-Isopropyltoluene	101		102		70-130	1		30
Naphthalene	100		99		70-130	1		30
Acrylonitrile	78		73		70-130	7		30
n-Propylbenzene	101		101		70-130	0		30
1,2,3-Trichlorobenzene	110		108		70-130	2		30
1,2,4-Trichlorobenzene	109		108		70-130	1		30
1,3,5-Trimethylbenzene	102		103		70-130	1		30
1,2,4-Trimethylbenzene	102		102		70-130	0		30
1,4-Dioxane	94		88		65-136	7		30
p-Diethylbenzene	100		101		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,05 Batch: WG1704270-3 WG1704270-4								
p-Ethyltoluene	103		103		70-130	0		30
1,2,4,5-Tetramethylbenzene	102		103		70-130	1		30
Ethyl ether	109		107		67-130	2		30
trans-1,4-Dichloro-2-butene	82		83		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		107		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	97		98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1704917-3 WG1704917-4								
Methylene chloride	99		103		70-130	4		30
1,1-Dichloroethane	104		108		70-130	4		30
Chloroform	96		101		70-130	5		30
Carbon tetrachloride	106		109		70-130	3		30
1,2-Dichloropropane	106		111		70-130	5		30
Dibromochloromethane	105		113		70-130	7		30
1,1,2-Trichloroethane	97		104		70-130	7		30
Tetrachloroethene	116		120		70-130	3		30
Chlorobenzene	104		109		70-130	5		30
Trichlorofluoromethane	110		111		70-139	1		30
1,2-Dichloroethane	98		104		70-130	6		30
1,1,1-Trichloroethane	101		103		70-130	2		30
Bromodichloromethane	97		101		70-130	4		30
trans-1,3-Dichloropropene	104		110		70-130	6		30
cis-1,3-Dichloropropene	108		112		70-130	4		30
1,1-Dichloropropene	116		118		70-130	2		30
Bromoform	101		109		70-130	8		30
1,1,2,2-Tetrachloroethane	96		100		70-130	4		30
Benzene	107		110		70-130	3		30
Toluene	103		107		70-130	4		30
Ethylbenzene	108		110		70-130	2		30
Chloromethane	98		98		52-130	0		30
Bromomethane	91		91		57-147	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1704917-3 WG1704917-4								
Vinyl chloride	106		108		67-130	2		30
Chloroethane	100		99		50-151	1		30
1,1-Dichloroethene	112		110		65-135	2		30
trans-1,2-Dichloroethene	101		103		70-130	2		30
Trichloroethene	108		112		70-130	4		30
1,2-Dichlorobenzene	102		106		70-130	4		30
1,3-Dichlorobenzene	104		108		70-130	4		30
1,4-Dichlorobenzene	104		107		70-130	3		30
Methyl tert butyl ether	101		110		66-130	9		30
p/m-Xylene	106		109		70-130	3		30
o-Xylene	106		109		70-130	3		30
cis-1,2-Dichloroethene	97		100		70-130	3		30
Dibromomethane	99		104		70-130	5		30
Styrene	106		110		70-130	4		30
Dichlorodifluoromethane	93		94		30-146	1		30
Acetone	101		103		54-140	2		30
Carbon disulfide	103		103		59-130	0		30
2-Butanone	96		103		70-130	7		30
Vinyl acetate	99		102		70-130	3		30
4-Methyl-2-pentanone	90		100		70-130	11		30
1,2,3-Trichloropropane	101		108		68-130	7		30
2-Hexanone	90		99		70-130	10		30
Bromochloromethane	102		105		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1704917-3 WG1704917-4								
2,2-Dichloropropane	106		108		70-130	2		30
1,2-Dibromoethane	104		114		70-130	9		30
1,3-Dichloropropane	104		111		69-130	7		30
1,1,1,2-Tetrachloroethane	109		114		70-130	4		30
Bromobenzene	101		104		70-130	3		30
n-Butylbenzene	111		110		70-130	1		30
sec-Butylbenzene	108		110		70-130	2		30
tert-Butylbenzene	106		107		70-130	1		30
o-Chlorotoluene	109		109		70-130	0		30
p-Chlorotoluene	104		106		70-130	2		30
1,2-Dibromo-3-chloropropane	98		109		68-130	11		30
Hexachlorobutadiene	105		106		67-130	1		30
Isopropylbenzene	107		109		70-130	2		30
p-Isopropyltoluene	108		109		70-130	1		30
Naphthalene	96		102		70-130	6		30
Acrylonitrile	98		103		70-130	5		30
n-Propylbenzene	108		109		70-130	1		30
1,2,3-Trichlorobenzene	100		103		70-130	3		30
1,2,4-Trichlorobenzene	105		106		70-130	1		30
1,3,5-Trimethylbenzene	106		108		70-130	2		30
1,2,4-Trimethylbenzene	105		106		70-130	1		30
1,4-Dioxane	93		103		65-136	10		30
p-Diethylbenzene	108		109		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1704917-3 WG1704917-4								
p-Ethyltoluene	108		109		70-130	1		30
1,2,4,5-Tetramethylbenzene	105		107		70-130	2		30
Ethyl ether	100		110		67-130	10		30
trans-1,4-Dichloro-2-butene	97		102		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		96		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	90		93		70-130

SEMIVOLATILES

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-01 D
Client ID: SB07_1-3
Sample Location: QUEENS, NY

Date Collected: 10/24/22 10:10
Date Received: 10/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/27/22 03:25
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/25/22 03:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	730	95.	5
1,2,4-Trichlorobenzene	ND		ug/kg	920	100	5
Hexachlorobenzene	ND		ug/kg	550	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	820	120	5
2-Chloronaphthalene	ND		ug/kg	920	91.	5
1,2-Dichlorobenzene	ND		ug/kg	920	160	5
1,3-Dichlorobenzene	ND		ug/kg	920	160	5
1,4-Dichlorobenzene	ND		ug/kg	920	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	920	240	5
2,4-Dinitrotoluene	ND		ug/kg	920	180	5
2,6-Dinitrotoluene	ND		ug/kg	920	160	5
Fluoranthene	2100		ug/kg	550	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	920	98.	5
4-Bromophenyl phenyl ether	ND		ug/kg	920	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	990	92.	5
Hexachlorobutadiene	ND		ug/kg	920	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	830	5
Hexachloroethane	ND		ug/kg	730	150	5
Isophorone	ND		ug/kg	820	120	5
Naphthalene	110	J	ug/kg	920	110	5
Nitrobenzene	ND		ug/kg	820	140	5
NDPA/DPA	ND		ug/kg	730	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	920	140	5
Bis(2-ethylhexyl)phthalate	450	J	ug/kg	920	320	5
Butyl benzyl phthalate	ND		ug/kg	920	230	5
Di-n-butylphthalate	ND		ug/kg	920	170	5
Di-n-octylphthalate	ND		ug/kg	920	310	5

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-01 D Date Collected: 10/24/22 10:10

Client ID: SB07_1-3 Date Received: 10/24/22

Sample Location: QUEENS, 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	920	85.	5
Dimethyl phthalate	ND		ug/kg	920	190	5
Benzo(a)anthracene	1300		ug/kg	550	100	5
Benzo(a)pyrene	1600		ug/kg	730	220	5
Benzo(b)fluoranthene	2200		ug/kg	550	150	5
Benzo(k)fluoranthene	640		ug/kg	550	150	5
Chrysene	1400		ug/kg	550	95.	5
Acenaphthylene	240	J	ug/kg	730	140	5
Anthracene	250	J	ug/kg	550	180	5
Benzo(ghi)perylene	1300		ug/kg	730	110	5
Fluorene	97	J	ug/kg	920	89.	5
Phenanthrene	840		ug/kg	550	110	5
Dibenzo(a,h)anthracene	300	J	ug/kg	550	100	5
Indeno(1,2,3-cd)pyrene	1500		ug/kg	730	130	5
Pyrene	2200		ug/kg	550	91.	5
Biphenyl	ND		ug/kg	2100	120	5
4-Chloroaniline	ND		ug/kg	920	170	5
2-Nitroaniline	ND		ug/kg	920	180	5
3-Nitroaniline	ND		ug/kg	920	170	5
4-Nitroaniline	ND		ug/kg	920	380	5
Dibenzofuran	ND		ug/kg	920	87.	5
2-Methylnaphthalene	ND		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	920	96.	5
Acetophenone	150	J	ug/kg	920	110	5
2,4,6-Trichlorophenol	ND		ug/kg	550	170	5
p-Chloro-m-cresol	ND		ug/kg	920	140	5
2-Chlorophenol	ND		ug/kg	920	110	5
2,4-Dichlorophenol	ND		ug/kg	820	150	5
2,4-Dimethylphenol	ND		ug/kg	920	300	5
2-Nitrophenol	ND		ug/kg	2000	340	5
4-Nitrophenol	ND		ug/kg	1300	370	5
2,4-Dinitrophenol	ND		ug/kg	4400	430	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	730	200	5
Phenol	150	J	ug/kg	920	140	5
2-Methylphenol	ND		ug/kg	920	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-01 D Date Collected: 10/24/22 10:10

Client ID: SB07_1-3 Date Received: 10/24/22

Sample Location: QUEENS, 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	920	180	5
Benzoic Acid	1000	J	ug/kg	3000	930	5
Benzyl Alcohol	ND		ug/kg	920	280	5
Carbazole	210	J	ug/kg	920	89.	5
1,4-Dioxane	ND		ug/kg	140	42.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**21**	Q	25-120
Phenol-d6	21		10-120
Nitrobenzene-d5	32		23-120
2-Fluorobiphenyl	**23**	Q	30-120
2,4,6-Tribromophenol	22		10-136
4-Terphenyl-d14	25		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-02
Client ID: SB07_5-7
Sample Location: QUEENS, NY

Date Collected: 10/24/22 11:20
Date Received: 10/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/25/22 15:02
Analyst: MG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/25/22 03:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-02 Date Collected: 10/24/22 11:20

Client ID: SB07_5-7 Date Received: 10/24/22

Sample Location: QUEENS, 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	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-02 Date Collected: 10/24/22 11:20

Client ID: SB07_5-7 Date Received: 10/24/22

Sample Location: QUEENS, 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	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	60		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-03
Client ID: SB08_5-7
Sample Location: QUEENS, NY

Date Collected: 10/24/22 13:10
Date Received: 10/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/25/22 15:25
Analyst: MG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/25/22 03:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	38	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	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	1400		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	25.	1
Naphthalene	94	J	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	64.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-03 Date Collected: 10/24/22 13:10

Client ID: SB08_5-7 Date Received: 10/24/22

Sample Location: QUEENS, 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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	670		ug/kg	110	21.	1
Benzo(a)pyrene	820		ug/kg	150	46.	1
Benzo(b)fluoranthene	960		ug/kg	110	32.	1
Benzo(k)fluoranthene	340		ug/kg	110	30.	1
Chrysene	700		ug/kg	110	20.	1
Acenaphthylene	37	J	ug/kg	150	29.	1
Anthracene	190		ug/kg	110	37.	1
Benzo(ghi)perylene	450		ug/kg	150	22.	1
Fluorene	26	J	ug/kg	190	18.	1
Phenanthrene	920		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	95	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	510		ug/kg	150	26.	1
Pyrene	1200		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	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	54	J	ug/kg	190	18.	1
2-Methylnaphthalene	25	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	27	J	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	50	J	ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	41	J	ug/kg	270	30.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-03 Date Collected: 10/24/22 13:10

Client ID: SB08_5-7 Date Received: 10/24/22

Sample Location: QUEENS, 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	190	36.	1
Benzoic Acid	300	J	ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	74	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		25-120
Phenol-d6	42		10-120
Nitrobenzene-d5	40		23-120
2-Fluorobiphenyl	43		30-120
2,4,6-Tribromophenol	33		10-136
4-Terphenyl-d14	36		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-04
Client ID: SB08_51-53
Sample Location: QUEENS, NY

Date Collected: 10/24/22 14:45
Date Received: 10/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/25/22 15:49
Analyst: MG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/25/22 03:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-04 Date Collected: 10/24/22 14:45

Client ID: SB08_51-53 Date Received: 10/24/22

Sample Location: QUEENS, 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	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-04 Date Collected: 10/24/22 14:45

Client ID: SB08_51-53 Date Received: 10/24/22

Sample Location: QUEENS, 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	170	33.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	78		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-05
Client ID: SB11_2-4
Sample Location: QUEENS, NY

Date Collected: 10/24/22 13:55
Date Received: 10/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/25/22 16:12
Analyst: MG
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 10/25/22 03:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	540		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	900		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	390		ug/kg	170	17.	1
1,2-Dichlorobenzene	980		ug/kg	170	30.	1
1,3-Dichlorobenzene	1200		ug/kg	170	29.	1
1,4-Dichlorobenzene	820		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	9400	E	ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	26	J	ug/kg	150	22.	1
Naphthalene	1100		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-05 Date Collected: 10/24/22 13:55

Client ID: SB11_2-4 Date Received: 10/24/22

Sample Location: QUEENS, 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	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	3500		ug/kg	100	19.	1
Benzo(a)pyrene	2600		ug/kg	140	41.	1
Benzo(b)fluoranthene	4700		ug/kg	100	28.	1
Benzo(k)fluoranthene	1400		ug/kg	100	27.	1
Chrysene	4400		ug/kg	100	18.	1
Acenaphthylene	410		ug/kg	140	26.	1
Anthracene	1300		ug/kg	100	33.	1
Benzo(ghi)perylene	1600		ug/kg	140	20.	1
Fluorene	580		ug/kg	170	16.	1
Phenanthrene	7200	E	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	460		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	1800		ug/kg	140	24.	1
Pyrene	6900	E	ug/kg	100	17.	1
Biphenyl	170	J	ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	400		ug/kg	170	16.	1
2-Methylnaphthalene	330		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	84	J	ug/kg	170	18.	1
Acetophenone	84	J	ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	94	J	ug/kg	170	26.	1
2-Methylphenol	38	J	ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	77	J	ug/kg	240	26.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-05 Date Collected: 10/24/22 13:55

Client ID: SB11_2-4 Date Received: 10/24/22

Sample Location: QUEENS, 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	170	32.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	380		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	25	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		25-120
Phenol-d6	35		10-120
Nitrobenzene-d5	32		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	15		10-136
4-Terphenyl-d14	47		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-05 D
Client ID: SB11_2-4
Sample Location: QUEENS, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/26/22 04:08
Analyst: MG
Percent Solids: 97%

Date Collected: 10/24/22 13:55
Date Received: 10/24/22
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 10/25/22 03:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	12000		ug/kg	510	97.	5
Phenanthrene	8800		ug/kg	510	100	5
Pyrene	8800		ug/kg	510	84.	5

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/22 11:32
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/25/22 02:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1703632-1					
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: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/22 11:32
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/25/22 02:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1703632-1					
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	21.
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: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/22 11:32
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/25/22 02:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1703632-1					
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.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	57		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

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 Batch: WG1703632-2 WG1703632-3								
Acenaphthene	56		76		31-137	30		50
1,2,4-Trichlorobenzene	58		77		38-107	28		50
Hexachlorobenzene	60		83		40-140	32		50
Bis(2-chloroethyl)ether	53		71		40-140	29		50
2-Chloronaphthalene	60		80		40-140	29		50
1,2-Dichlorobenzene	55		71		40-140	25		50
1,3-Dichlorobenzene	55		71		40-140	25		50
1,4-Dichlorobenzene	54		70		28-104	26		50
3,3'-Dichlorobenzidine	50		63		40-140	23		50
2,4-Dinitrotoluene	60		82		40-132	31		50
2,6-Dinitrotoluene	63		87		40-140	32		50
Fluoranthene	57		79		40-140	32		50
4-Chlorophenyl phenyl ether	56		78		40-140	33		50
4-Bromophenyl phenyl ether	58		80		40-140	32		50
Bis(2-chloroisopropyl)ether	**39**	Q	52		40-140	29		50
Bis(2-chloroethoxy)methane	58		78		40-117	29		50
Hexachlorobutadiene	49		66		40-140	30		50
Hexachlorocyclopentadiene	55		72		40-140	27		50
Hexachloroethane	52		70		40-140	30		50
Isophorone	56		74		40-140	28		50
Naphthalene	56		74		40-140	28		50
Nitrobenzene	53		70		40-140	28		50
NDPA/DPA	58		80		36-157	32		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

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 Batch: WG1703632-2 WG1703632-3								
n-Nitrosodi-n-propylamine	53		70		32-121	28		50
Bis(2-ethylhexyl)phthalate	62		86		40-140	32		50
Butyl benzyl phthalate	60		82		40-140	31		50
Di-n-butylphthalate	58		82		40-140	34		50
Di-n-octylphthalate	62		84		40-140	30		50
Diethyl phthalate	58		80		40-140	32		50
Dimethyl phthalate	62		83		40-140	29		50
Benzo(a)anthracene	54		75		40-140	33		50
Benzo(a)pyrene	62		84		40-140	30		50
Benzo(b)fluoranthene	60		81		40-140	30		50
Benzo(k)fluoranthene	59		82		40-140	33		50
Chrysene	56		77		40-140	32		50
Acenaphthylene	62		83		40-140	29		50
Anthracene	57		79		40-140	32		50
Benzo(ghi)perylene	55		79		40-140	36		50
Fluorene	57		78		40-140	31		50
Phenanthrene	56		77		40-140	32		50
Dibenzo(a,h)anthracene	55		79		40-140	36		50
Indeno(1,2,3-cd)pyrene	63		90		40-140	35		50
Pyrene	58		79		35-142	31		50
Biphenyl	59		80		37-127	30		50
4-Chloroaniline	49		64		40-140	27		50
2-Nitroaniline	66		90		47-134	31		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

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 Batch: WG1703632-2 WG1703632-3								
3-Nitroaniline	58		77		26-129	28		50
4-Nitroaniline	63		87		41-125	32		50
Dibenzofuran	56		77		40-140	32		50
2-Methylnaphthalene	59		79		40-140	29		50
1,2,4,5-Tetrachlorobenzene	56		75		40-117	29		50
Acetophenone	59		78		14-144	28		50
2,4,6-Trichlorophenol	62		82		30-130	28		50
p-Chloro-m-cresol	63		86		26-103	31		50
2-Chlorophenol	61		82		25-102	29		50
2,4-Dichlorophenol	64		87		30-130	30		50
2,4-Dimethylphenol	64		86		30-130	29		50
2-Nitrophenol	62		84		30-130	30		50
4-Nitrophenol	51		71		11-114	33		50
2,4-Dinitrophenol	53		76		4-130	36		50
4,6-Dinitro-o-cresol	62		88		10-130	35		50
Pentachlorophenol	50		69		17-109	32		50
Phenol	52		70		26-90	30		50
2-Methylphenol	60		80		30-130.	29		50
3-Methylphenol/4-Methylphenol	61		82		30-130	29		50
2,4,5-Trichlorophenol	60		85		30-130	34		50
Benzoic Acid	59		80		10-110	30		50
Benzyl Alcohol	53		73		40-140	32		50
Carbazole	59		82		54-128	33		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

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 Batch: WG1703632-2 WG1703632-3								
1,4-Dioxane	43		55		40-140	24		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		80		25-120
Phenol-d6	59		79		10-120
Nitrobenzene-d5	55		72		23-120
2-Fluorobiphenyl	58		78		30-120
2,4,6-Tribromophenol	55		76		10-136
4-Terphenyl-d14	57		78		18-120

METALS

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-01
Client ID: SB07_1-3
Sample Location: QUEENS, NY
Date Collected: 10/24/22 10:10
Date Received: 10/24/22
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	4870		mg/kg	8.50	2.29	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Antimony, Total	5.48		mg/kg	4.25	0.323	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Arsenic, Total	29.5		mg/kg	0.850	0.177	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Barium, Total	189		mg/kg	0.850	0.148	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Beryllium, Total	0.555		mg/kg	0.425	0.028	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Cadmium, Total	3.73		mg/kg	0.850	0.083	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Calcium, Total	10600		mg/kg	8.50	2.97	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Chromium, Total	19.4		mg/kg	0.850	0.082	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Cobalt, Total	4.47		mg/kg	1.70	0.141	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Copper, Total	637		mg/kg	0.850	0.219	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Iron, Total	15000		mg/kg	4.25	0.768	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Lead, Total	499		mg/kg	4.25	0.228	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Magnesium, Total	2520		mg/kg	8.50	1.31	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Manganese, Total	83.3		mg/kg	0.850	0.135	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Mercury, Total	0.148		mg/kg	0.072	0.047	1	10/25/22 11:40	10/25/22 14:40	EPA 7471B	1,7471B	ZK
Nickel, Total	42.1		mg/kg	2.12	0.206	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Potassium, Total	477		mg/kg	212	12.2	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Selenium, Total	1.17	J	mg/kg	1.70	0.219	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Silver, Total	0.698		mg/kg	0.425	0.240	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Sodium, Total	215		mg/kg	170	2.68	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Thallium, Total	0.468	J	mg/kg	1.70	0.268	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Vanadium, Total	180		mg/kg	0.850	0.172	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB
Zinc, Total	1990		mg/kg	4.25	0.249	2	10/25/22 11:10	10/25/22 17:48	EPA 3050B	1,6010D	NTB

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-02
Client ID: SB07_5-7
Sample Location: QUEENS, NY
Date Collected: 10/24/22 11:20
Date Received: 10/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3730		mg/kg	8.12	2.19	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Antimony, Total	ND		mg/kg	4.06	0.308	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Arsenic, Total	1.48		mg/kg	0.812	0.169	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Barium, Total	17.0		mg/kg	0.812	0.141	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Beryllium, Total	0.235	J	mg/kg	0.406	0.027	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Cadmium, Total	ND		mg/kg	0.812	0.080	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Calcium, Total	532		mg/kg	8.12	2.84	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Chromium, Total	15.1		mg/kg	0.812	0.078	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Cobalt, Total	2.36		mg/kg	1.62	0.135	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Copper, Total	9.83		mg/kg	0.812	0.209	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Iron, Total	9250		mg/kg	4.06	0.733	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Lead, Total	2.18	J	mg/kg	4.06	0.218	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Magnesium, Total	1180		mg/kg	8.12	1.25	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Manganese, Total	66.1		mg/kg	0.812	0.129	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Mercury, Total	ND		mg/kg	0.070	0.046	1	10/25/22 11:40	10/25/22 14:58	EPA 7471B	1,7471B	ZK
Nickel, Total	6.53		mg/kg	2.03	0.196	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Potassium, Total	460		mg/kg	203	11.7	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Selenium, Total	ND		mg/kg	1.62	0.209	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Silver, Total	ND		mg/kg	0.406	0.230	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Sodium, Total	127	J	mg/kg	162	2.56	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Thallium, Total	ND		mg/kg	1.62	0.256	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Vanadium, Total	12.0		mg/kg	0.812	0.165	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB
Zinc, Total	11.2		mg/kg	4.06	0.238	2	10/25/22 11:10	10/25/22 17:51	EPA 3050B	1,6010D	NTB

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-03
Client ID: SB08_5-7
Sample Location: QUEENS, NY
Date Collected: 10/24/22 13:10
Date Received: 10/24/22
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	6830		mg/kg	8.64	2.33	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Antimony, Total	0.485	J	mg/kg	4.32	0.328	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Arsenic, Total	31.8		mg/kg	0.864	0.180	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Barium, Total	69.0		mg/kg	0.864	0.150	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Beryllium, Total	0.467		mg/kg	0.432	0.029	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Cadmium, Total	0.288	J	mg/kg	0.864	0.085	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Calcium, Total	1040		mg/kg	8.64	3.02	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Chromium, Total	15.9		mg/kg	0.864	0.083	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Cobalt, Total	4.54		mg/kg	1.73	0.143	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Copper, Total	66.5		mg/kg	0.864	0.223	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Iron, Total	23700		mg/kg	4.32	0.780	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Lead, Total	213		mg/kg	4.32	0.232	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Magnesium, Total	1420		mg/kg	8.64	1.33	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Manganese, Total	213		mg/kg	0.864	0.137	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Mercury, Total	0.817		mg/kg	0.072	0.047	1	10/25/22 11:40	10/25/22 15:01	EPA 7471B	1,7471B	ZK
Nickel, Total	11.0		mg/kg	2.16	0.209	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Potassium, Total	486		mg/kg	216	12.4	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Selenium, Total	1.08	J	mg/kg	1.73	0.223	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Silver, Total	0.410	J	mg/kg	0.432	0.244	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Sodium, Total	61.2	J	mg/kg	173	2.72	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Thallium, Total	ND		mg/kg	1.73	0.272	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Vanadium, Total	21.6		mg/kg	0.864	0.175	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB
Zinc, Total	87.8		mg/kg	4.32	0.253	2	10/25/22 11:10	10/25/22 17:54	EPA 3050B	1,6010D	NTB

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-04
Client ID: SB08_51-53
Sample Location: QUEENS, NY
Date Collected: 10/24/22 14:45
Date Received: 10/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2690		mg/kg	8.14	2.20	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Antimony, Total	ND		mg/kg	4.07	0.309	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Arsenic, Total	0.946		mg/kg	0.814	0.169	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Barium, Total	17.2		mg/kg	0.814	0.142	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Beryllium, Total	0.212	J	mg/kg	0.407	0.027	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Cadmium, Total	ND		mg/kg	0.814	0.080	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Calcium, Total	681		mg/kg	8.14	2.85	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Chromium, Total	9.05		mg/kg	0.814	0.078	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Cobalt, Total	2.76		mg/kg	1.63	0.135	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Copper, Total	6.60		mg/kg	0.814	0.210	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Iron, Total	6970		mg/kg	4.07	0.735	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Lead, Total	2.46	J	mg/kg	4.07	0.218	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Magnesium, Total	1480		mg/kg	8.14	1.25	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Manganese, Total	182		mg/kg	0.814	0.129	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Mercury, Total	ND		mg/kg	0.066	0.043	1	10/25/22 11:40	10/25/22 15:04	EPA 7471B	1,7471B	ZK
Nickel, Total	17.5		mg/kg	2.03	0.197	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Potassium, Total	543		mg/kg	203	11.7	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Selenium, Total	ND		mg/kg	1.63	0.210	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Silver, Total	ND		mg/kg	0.407	0.230	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Sodium, Total	96.8	J	mg/kg	163	2.56	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Thallium, Total	ND		mg/kg	1.63	0.256	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Vanadium, Total	8.43		mg/kg	0.814	0.165	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB
Zinc, Total	11.8		mg/kg	4.07	0.238	2	10/25/22 11:10	10/25/22 17:58	EPA 3050B	1,6010D	NTB

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-05
Client ID: SB11_2-4
Sample Location: QUEENS, NY
Date Collected: 10/24/22 13:55
Date Received: 10/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2630		mg/kg	7.95	2.15	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Antimony, Total	8.34		mg/kg	3.98	0.302	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Arsenic, Total	4.92		mg/kg	0.795	0.165	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Barium, Total	426		mg/kg	0.795	0.138	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Beryllium, Total	0.186	J	mg/kg	0.398	0.026	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Cadmium, Total	0.816		mg/kg	0.795	0.078	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Calcium, Total	15500		mg/kg	7.95	2.78	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Chromium, Total	13.0		mg/kg	0.795	0.076	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Cobalt, Total	2.69		mg/kg	1.59	0.132	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Copper, Total	85.3		mg/kg	0.795	0.205	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Iron, Total	10300		mg/kg	3.98	0.718	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Lead, Total	352		mg/kg	3.98	0.213	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Magnesium, Total	1490		mg/kg	7.95	1.22	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Manganese, Total	124		mg/kg	0.795	0.126	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Mercury, Total	0.310		mg/kg	0.065	0.042	1	10/25/22 11:40	10/25/22 15:08	EPA 7471B	1,7471B	ZK
Nickel, Total	7.38		mg/kg	1.99	0.192	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Potassium, Total	632		mg/kg	199	11.4	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Selenium, Total	ND		mg/kg	1.59	0.205	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Silver, Total	0.399		mg/kg	0.398	0.225	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Sodium, Total	365		mg/kg	159	2.50	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Thallium, Total	ND		mg/kg	1.59	0.250	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Vanadium, Total	9.63		mg/kg	0.795	0.161	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB
Zinc, Total	390		mg/kg	3.98	0.233	2	10/25/22 11:10	10/25/22 18:01	EPA 3050B	1,6010D	NTB

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

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 Batch: WG1703718-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Barium, Total	ND		mg/kg	0.400	0.070	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Copper, Total	ND		mg/kg	0.400	0.103	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Iron, Total	0.407	J	mg/kg	2.00	0.361	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Lead, Total	ND		mg/kg	2.00	0.107	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Manganese, Total	0.097	J	mg/kg	0.400	0.064	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Potassium, Total	ND		mg/kg	100	5.76	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Silver, Total	ND		mg/kg	0.200	0.113	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Sodium, Total	8.92	J	mg/kg	80.0	1.26	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/25/22 11:10	10/25/22 16:47	1,6010D	NTB

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): 01-05 Batch: WG1703720-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/25/22 11:40	10/25/22 13:50	1,7471B	ZK

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259388

Project Number: 101015501 **Report Date:** 10/27/22

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1703718-2 SRM Lot Number: D113-540								
Aluminum, Total	94		-		51-149	-		
Antimony, Total	208		-		20-250	-		
Arsenic, Total	112		-		70-130	-		
Barium, Total	104		-		75-125	-		
Beryllium, Total	107		-		75-125	-		
Cadmium, Total	104		-		75-125	-		
Calcium, Total	108		-		73-128	-		
Chromium, Total	107		-		70-130	-		
Cobalt, Total	107		-		75-125	-		
Copper, Total	105		-		75-125	-		
Iron, Total	108		-		36-164	-		
Lead, Total	110		-		72-128	-		
Magnesium, Total	101		-		63-138	-		
Manganese, Total	104		-		77-123	-		
Nickel, Total	104		-		70-130	-		
Potassium, Total	107		-		59-141	-		
Selenium, Total	107		-		66-134	-		
Silver, Total	106		-		70-131	-		
Sodium, Total	110		-		35-164	-		
Thallium, Total	106		-		70-130	-		
Vanadium, Total	107		-		74-126	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1703718-2 SRM Lot Number: D113-540					
Zinc, Total	100	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1703720-2 SRM Lot Number: D113-540					
Mercury, Total	94	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

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 QC Batch ID: WG1703718-3 WG1703718-4 QC Sample: L2259378-02 Client ID: MS Sample												
Aluminum, Total	11300	202	10900	**0**	Q	11300	**0**	Q	75-125	4		20
Antimony, Total	ND	50.4	49.6	98		44.1	87		75-125	12		20
Arsenic, Total	7.42	12.1	19.0	96		19.0	95		75-125	0		20
Barium, Total	59.1	202	238	89		247	93		75-125	4		20
Beryllium, Total	0.627	5.04	5.41	95		5.40	94		75-125	0		20
Cadmium, Total	0.178J	5.35	5.21	97		5.02	94		75-125	4		20
Calcium, Total	3320	1010	6040	**270**	Q	4970	**163**	Q	75-125	19		20
Chromium, Total	36.8	20.2	43.8	**35**	Q	53.6	83		75-125	20		20
Cobalt, Total	8.00	50.4	52.3	88		50.5	84		75-125	4		20
Copper, Total	39.5	25.2	49.1	**38**	Q	68.1	113		75-125	**32**	Q	20
Iron, Total	21800	101	18600	**0**	Q	19400	**0**	Q	75-125	4		20
Lead, Total	140	53.5	115	**0**	Q	180	**74**	Q	75-125	**44**	Q	20
Magnesium, Total	4570	1010	5060	**48**	Q	5320	**74**	Q	75-125	5		20
Manganese, Total	500	50.4	431	**0**	Q	512	**24**	Q	75-125	17		20
Nickel, Total	18.4	50.4	60.6	84		60.0	82		75-125	1		20
Potassium, Total	1670	1010	2380	**70**	Q	2600	92		75-125	9		20
Selenium, Total	ND	12.1	11.8	97		11.2	92		75-125	5		20
Silver, Total	0.399J	30.3	30.0	99		28.8	95		75-125	4		20
Sodium, Total	1300	1010	1970	**66**	Q	2290	98		75-125	15		20
Thallium, Total	ND	12.1	11.2	92		10.5	86		75-125	6		20
Vanadium, Total	27.7	50.4	71.1	86		69.6	83		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

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): 01-05 QC Batch ID: WG1703718-3 WG1703718-4 QC Sample: L2259378-02 Client ID: MS Sample										
Zinc, Total	48.6	50.4	86.0	**74**	Q	87.9	78	75-125	2	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1703720-3 WG1703720-4 QC Sample: L2259378-02 Client ID: MS Sample										
Mercury, Total	0.215	1.65	2.05	111		1.98	105	80-120	3	20

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2259388
Report Date: 10/27/22

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1703718-6 QC Sample: L2259378-02 Client ID: DUP Sample						
Aluminum, Total	11300	11600	mg/kg	3		20
Barium, Total	59.1	61.3	mg/kg	4		20
Calcium, Total	3320	3500	mg/kg	5		20
Chromium, Total	36.8	38.6	mg/kg	5		20
Copper, Total	39.5	39.8	mg/kg	1		20
Iron, Total	21800	24100	mg/kg	11		20
Lead, Total	140	141	mg/kg	1		20
Magnesium, Total	4570	4780	mg/kg	5		20
Manganese, Total	500	533	mg/kg	7		20
Vanadium, Total	27.7	28.3	mg/kg	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-01
Client ID: SB07_1-3
Sample Location: QUEENS, NY

Date Collected: 10/24/22 10:10
Date Received: 10/24/22
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	89.4		%	0.100	NA	1	-	10/25/22 11:14	121,2540G	RI

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-02
Client ID: SB07_5-7
Sample Location: QUEENS, NY

Date Collected: 10/24/22 11:20
Date Received: 10/24/22
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	92.6		%	0.100	NA	1	-	10/25/22 11:14	121,2540G	RI

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-03
Client ID: SB08_5-7
Sample Location: QUEENS, NY

Date Collected: 10/24/22 13:10
Date Received: 10/24/22
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	87.2		%	0.100	NA	1	-	10/25/22 11:14	121,2540G	RI

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-04
Client ID: SB08_51-53
Sample Location: QUEENS, NY

Date Collected: 10/24/22 14:45
Date Received: 10/24/22
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	95.4		%	0.100	NA	1	-	10/25/22 11:14	121,2540G	RI

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

SAMPLE RESULTS

Lab ID: L2259388-05
Client ID: SB11_2-4
Sample Location: QUEENS, NY

Date Collected: 10/24/22 13:55
Date Received: 10/24/22
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	96.7		%	0.100	NA	1	-	10/25/22 11:14	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 16-63 CODY AVENUE

Project Number: 101015501

Lab Number: L2259388

Report Date: 10/27/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1703791-1 QC Sample: L2259283-01 Client ID: DUP Sample						
Solids, Total	85.3	85.7	%	0		20

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

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(*)
L2259388-01A	Vial MeOH preserved	A	NA		2.0	Y	Absent		NYTCL-8260HLW(14)
L2259388-01B	Vial water preserved	A	NA		2.0	Y	Absent	25-OCT-22 03:16	NYTCL-8260HLW(14)
L2259388-01C	Vial water preserved	A	NA		2.0	Y	Absent	25-OCT-22 03:16	NYTCL-8260HLW(14)
L2259388-01D	Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2259388-01E	Plastic 120ml unpreserved	A	NA		2.0	Y	Absent		TS(7)
L2259388-01F	Glass 120ml/4oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14)
L2259388-02A	Vial MeOH preserved	A	NA		2.0	Y	Absent		NYTCL-8260HLW(14)
L2259388-02B	Vial water preserved	A	NA		2.0	Y	Absent	25-OCT-22 03:16	NYTCL-8260HLW(14)
L2259388-02C	Vial water preserved	A	NA		2.0	Y	Absent	25-OCT-22 03:16	NYTCL-8260HLW(14)
L2259388-02D	Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2259388-02E	Plastic 120ml unpreserved	A	NA		2.0	Y	Absent		TS(7)
L2259388-02F	Glass 120ml/4oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14)
L2259388-03A	Vial MeOH preserved	A	NA		2.0	Y	Absent		NYTCL-8260HLW(14)
L2259388-03B	Vial water preserved	A	NA		2.0	Y	Absent	25-OCT-22 03:16	NYTCL-8260HLW(14)
L2259388-03C	Vial water preserved	A	NA		2.0	Y	Absent	25-OCT-22 03:16	NYTCL-8260HLW(14)
L2259388-03D	Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259388
Report Date: 10/27/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2259388-03E	Plastic 120ml unpreserved	A	NA		2.0	Y	Absent		TS(7)
L2259388-03F	Glass 120ml/4oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14)
L2259388-04A	Vial MeOH preserved	A	NA		2.0	Y	Absent		NYTCL-8260HLW(14)
L2259388-04B	Vial water preserved	A	NA		2.0	Y	Absent	25-OCT-22 03:16	NYTCL-8260HLW(14)
L2259388-04C	Vial water preserved	A	NA		2.0	Y	Absent	25-OCT-22 03:16	NYTCL-8260HLW(14)
L2259388-04D	Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2259388-04E	Plastic 120ml unpreserved	A	NA		2.0	Y	Absent		TS(7)
L2259388-04F	Glass 120ml/4oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14)
L2259388-05A	Vial MeOH preserved	A	NA		2.0	Y	Absent		NYTCL-8260HLW(14)
L2259388-05B	Vial water preserved	A	NA		2.0	Y	Absent	25-OCT-22 03:16	NYTCL-8260HLW(14)
L2259388-05C	Vial water preserved	A	NA		2.0	Y	Absent	25-OCT-22 03:16	NYTCL-8260HLW(14)
L2259388-05D	Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2259388-05E	Plastic 120ml unpreserved	A	NA		2.0	Y	Absent		TS(7)
L2259388-05F	Glass 120ml/4oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14)
L2259388-06A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)
L2259388-06B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2259388
Project Number:	101015501	**Report Date:**	10/27/22

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

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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.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2259388
Project Number:	101015501	**Report Date:**	10/27/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

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Date Rec'd in Lab: 10/24/22

ALPHA Job #: L2259388

Client Information
Client: LANGAN
Address: 300 KIMBALL DR
PARSIPPANY NJ 07054
Phone: 973-560-4900
Fax: —
Email: lkott@langan.com

Project Information
Project Name: 16-63 Cody Avenue
Project Location: Queens, NY
Project #: 10101 5501
(Use Project name as Project #) ☐
Project Manager: LAUREN KOTT, BEN RAO
ALPHAQuote #:

Turn-Around Time
Standard ☑
Rush (only if pre approved) ☑
Due Date:
# of Days: 3 day TAT VOCs 5 day for remainder

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other NJ REDUCED

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:
VOC analysis requested on a Rush 3-day TAT.
SVOC & Metals analyses on Standard 5-7 day TAT.

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	VOCs *	SVOCs	Metals						Sample Specific Comments	Total Bottles
59388-01	SB07_1-3	10/24/22	1010	S	SH	X	X	X						* VOC analysis	6
02	SB07_5-7		1120	S	SH	X	X	X						requested on 3-day	6
03	SB08_5-7		1310	S	DL	X	X	X						TAT. SVOC &	6
04	SB08_51-53		1445	S	SH	X	X	X						Metals analysis on	6
05	SB11_3-4		1355	S	DL	X	X	X						Standard 5-7 days.	6
06	20221024_TB*	↓	—	AQ	—	X								* Trip Blank VOC	2
														analysis not on	
														rush TAT.	

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	G	A	A					
Preservative	HCL	A	A					

Relinquished By:	Date/Time	Received By:	Date/Time
(Langan)	10/24/22 1530		10/24/22 16:10
	10/24/22 18:30		10/24/22 19:30
	10/24/22 2115		10/24/22 2115
	10/24/22 2315		10/24/22 2315

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:	L2259632
Client:	Langan Engineering & Environmental 300 Kimball Drive 4th Floor Parsippany, NJ 07054
ATTN:	Lauren Kott
Phone:	(973) 560-4807
Project Name:	16-63 CODY AVENUE
Project Number:	101015501
Report Date:	10/31/22

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2259632-01	SB10_0.5-2.5	SOIL	QUEENS, NY	10/25/22 08:50	10/25/22
L2259632-02	SB10_65-67	SOIL	QUEENS, NY	10/25/22 10:40	10/25/22
L2259632-03	SB09_1-3	SOIL	QUEENS, NY	10/25/22 13:10	10/25/22
L2259632-04	SB09_3-5	SOIL	QUEENS, NY	10/25/22 13:40	10/25/22
L2259632-05	20221025_FB	WATER	QUEENS, NY	10/25/22 14:30	10/25/22
L2259632-06	20221025_TB	WATER	QUEENS, NY	10/25/22 00:00	10/25/22
L2259632-07	SB11_10-12	SOIL	QUEENS, NY	10/25/22 08:10	10/25/22

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2259632
Project Number:	101015501	**Report Date:**	10/31/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2259632
Project Number:	101015501	**Report Date:**	10/31/22

Case Narrative (continued)

Report Submission

October 31, 2022: This final report includes the results of all requested analyses.

October 28, 2022: 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

L2259632-06 and -07: The Client ID was specified by the client.

Volatile Organics

L2259632-02D: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (136%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

Total Metals

L2259632-01 through -04 and -07: 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.

L2259632-05: The Field Blank has a result for sodium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

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: Cristin Walker

Title: Technical Director/Representative

Date: 10/31/22

ORGANICS

VOLATILES

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-01
Client ID: SB10_0.5-2.5
Sample Location: QUEENS, NY

Date Collected: 10/25/22 08:50
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/26/22 21:46
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.52	J	ug/kg	1.7	0.16	1
Carbon tetrachloride	0.29	J	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	7.7		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	ND		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	ND		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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-01 Date Collected: 10/25/22 08:50

Client ID: SB10_0.5-2.5 Date Received: 10/25/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	2.4		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	0.22	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	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		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	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		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	0.21	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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-01 Date Collected: 10/25/22 08:50

Client ID: SB10_0.5-2.5 Date Received: 10/25/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - 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	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	90	39.	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	0.21	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	100		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	103		70-130

Project Name: 16-63 CODY AVENUE
Lab Number: L2259632
Project Number: 101015501
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-02 D2
Client ID: SB10_65-67
Sample Location: QUEENS, NY

Date Collected: 10/25/22 10:40
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/27/22 17:18
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trimethylbenzene	890000		ug/kg	14000	2400	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	94		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-02 D
Client ID: SB10_65-67
Sample Location: QUEENS, NY

Date Collected: 10/25/22 10:40
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/27/22 01:38
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	7100	3200	20
1,1-Dichloroethane	ND		ug/kg	1400	200	20
Chloroform	ND		ug/kg	2100	200	20
Carbon tetrachloride	ND		ug/kg	1400	320	20
1,2-Dichloropropane	ND		ug/kg	1400	180	20
Dibromochloromethane	ND		ug/kg	1400	200	20
1,1,2-Trichloroethane	ND		ug/kg	1400	380	20
Tetrachloroethene	ND		ug/kg	710	280	20
Chlorobenzene	ND		ug/kg	710	180	20
Trichlorofluoromethane	ND		ug/kg	5600	980	20
1,2-Dichloroethane	ND		ug/kg	1400	360	20
1,1,1-Trichloroethane	ND		ug/kg	710	240	20
Bromodichloromethane	ND		ug/kg	710	150	20
trans-1,3-Dichloropropene	ND		ug/kg	1400	380	20
cis-1,3-Dichloropropene	ND		ug/kg	710	220	20
1,3-Dichloropropene, Total	ND		ug/kg	710	220	20
1,1-Dichloropropene	ND		ug/kg	710	220	20
Bromoform	ND		ug/kg	5600	350	20
1,1,2,2-Tetrachloroethane	ND		ug/kg	710	230	20
Benzene	ND		ug/kg	710	230	20
Toluene	ND		ug/kg	1400	770	20
Ethylbenzene	13000		ug/kg	1400	200	20
Chloromethane	ND		ug/kg	5600	1300	20
Bromomethane	ND		ug/kg	2800	820	20
Vinyl chloride	ND		ug/kg	1400	470	20
Chloroethane	ND		ug/kg	2800	640	20
1,1-Dichloroethene	ND		ug/kg	1400	340	20
trans-1,2-Dichloroethene	ND		ug/kg	2100	190	20

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-02 D Date Collected: 10/25/22 10:40

Client ID: SB10_65-67 Date Received: 10/25/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	710	190	20
1,2-Dichlorobenzene	ND		ug/kg	2800	200	20
1,3-Dichlorobenzene	ND		ug/kg	2800	210	20
1,4-Dichlorobenzene	ND		ug/kg	2800	240	20
Methyl tert butyl ether	ND		ug/kg	2800	280	20
p/m-Xylene	8400		ug/kg	2800	790	20
o-Xylene	3000		ug/kg	1400	410	20
Xylenes, Total	11000		ug/kg	1400	410	20
cis-1,2-Dichloroethene	ND		ug/kg	1400	250	20
1,2-Dichloroethene, Total	ND		ug/kg	1400	190	20
Dibromomethane	ND		ug/kg	2800	340	20
Styrene	ND		ug/kg	1400	280	20
Dichlorodifluoromethane	ND		ug/kg	14000	1300	20
Acetone	ND		ug/kg	14000	6800	20
Carbon disulfide	ND		ug/kg	14000	6400	20
2-Butanone	ND		ug/kg	14000	3100	20
Vinyl acetate	ND		ug/kg	14000	3000	20
4-Methyl-2-pentanone	ND		ug/kg	14000	1800	20
1,2,3-Trichloropropane	ND		ug/kg	2800	180	20
2-Hexanone	ND		ug/kg	14000	1700	20
Bromochloromethane	ND		ug/kg	2800	290	20
2,2-Dichloropropane	ND		ug/kg	2800	280	20
1,2-Dibromoethane	ND		ug/kg	1400	390	20
1,3-Dichloropropane	ND		ug/kg	2800	240	20
1,1,1,2-Tetrachloroethane	ND		ug/kg	710	190	20
Bromobenzene	ND		ug/kg	2800	200	20
n-Butylbenzene	65000		ug/kg	1400	240	20
sec-Butylbenzene	27000		ug/kg	1400	210	20
tert-Butylbenzene	2800		ug/kg	2800	170	20
o-Chlorotoluene	ND		ug/kg	2800	270	20
p-Chlorotoluene	ND		ug/kg	2800	150	20
1,2-Dibromo-3-chloropropane	ND		ug/kg	4200	1400	20
Hexachlorobutadiene	ND		ug/kg	5600	240	20
Isopropylbenzene	60000		ug/kg	1400	150	20
p-Isopropyltoluene	14000		ug/kg	1400	150	20
Naphthalene	11000		ug/kg	5600	920	20
Acrylonitrile	ND		ug/kg	5600	1600	20

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-02 D Date Collected: 10/25/22 10:40

Client ID: SB10_65-67 Date Received: 10/25/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	140000		ug/kg	1400	240	20
1,2,3-Trichlorobenzene	ND		ug/kg	2800	450	20
1,2,4-Trichlorobenzene	ND		ug/kg	2800	380	20
1,3,5-Trimethylbenzene	240000		ug/kg	2800	270	20
1,2,4-Trimethylbenzene	640000	E	ug/kg	2800	470	20
1,4-Dioxane	ND		ug/kg	110000	50000	20
p-Diethylbenzene	ND		ug/kg	2800	250	20
p-Ethyltoluene	180000		ug/kg	2800	540	20
1,2,4,5-Tetramethylbenzene	130000		ug/kg	2800	270	20
Ethyl ether	ND		ug/kg	2800	480	20
trans-1,4-Dichloro-2-butene	ND		ug/kg	7100	2000	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	**136**	Q	70-130
Dibromofluoromethane	86		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-03
Client ID: SB09_1-3
Sample Location: QUEENS, NY

Date Collected: 10/25/22 13:10
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/26/22 22:12
Analyst: JIC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.26	J	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	3.9		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	ND		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	0.51	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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-03 Date Collected: 10/25/22 13:10

Client ID: SB09_1-3 Date Received: 10/25/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	5.9		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		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	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-03 Date Collected: 10/25/22 13:10

Client ID: SB09_1-3 Date Received: 10/25/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - 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	91	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	101		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	103		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-04
Client ID: SB09_3-5
Sample Location: QUEENS, NY

Date Collected: 10/25/22 13:40
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/26/22 22:37
Analyst: JIC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	6.1		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-04 Date Collected: 10/25/22 13:40

Client ID: SB09_3-5 Date Received: 10/25/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	5.2		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	7.7	J	ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	ND		ug/kg	4.0	0.64	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-04 Date Collected: 10/25/22 13:40

Client ID: SB09_3-5 Date Received: 10/25/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-05
Client ID: 20221025_FB
Sample Location: QUEENS, NY
Date Collected: 10/25/22 14:30
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/26/22 09:34
Analyst: AJK

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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-05 Date Collected: 10/25/22 14:30

Client ID: 20221025_FB Date Received: 10/25/22

Sample Location: QUEENS, 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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-05 Date Collected: 10/25/22 14:30

Client ID: 20221025_FB Date Received: 10/25/22

Sample Location: QUEENS, 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	114		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	110		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-06
Client ID: 20221025_TB
Sample Location: QUEENS, NY

Date Collected: 10/25/22 00:00
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/26/22 09:53
Analyst: AJK

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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-06 Date Collected: 10/25/22 00:00

Client ID: 20221025_TB Date Received: 10/25/22

Sample Location: QUEENS, 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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-06 Date Collected: 10/25/22 00:00

Client ID: 20221025_TB Date Received: 10/25/22

Sample Location: QUEENS, 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	114		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	114		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-07
Client ID: SB11_10-12
Sample Location: QUEENS, NY

Date Collected: 10/25/22 08:10
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/26/22 23:03
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	0.35	J	ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	6.8		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	9.8		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-07 Date Collected: 10/25/22 08:10

Client ID: SB11_10-12 Date Received: 10/25/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	5.3		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.29	1
Xylenes, Total	ND		ug/kg	0.98	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	27		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	4.4	J	ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.17	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-07 Date Collected: 10/25/22 08:10

Client ID: SB11_10-12 Date Received: 10/25/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.18	J	ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	0.25	J	ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	0.73	J	ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/22 08:35
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1704629-5					
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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/22 08:35
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1704629-5					
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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/22 08:35
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1704629-5					
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	116		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	112		70-130

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/22 17:03
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03-04,07 Batch: WG1704795-5					
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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/22 17:03
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03-04,07 Batch: WG1704795-5					
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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/22 17:03
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03-04,07 Batch: WG1704795-5					
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	80	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	96		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/22 17:03
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1704796-5					
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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/22 17:03
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1704796-5					
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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/22 17:03
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1704796-5					
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	4000	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	96		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/27/22 09:03
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1705149-5					
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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/27/22 09:03
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1705149-5					
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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/27/22 09:03
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1705149-5					
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	4000	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	91		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1704629-3 WG1704629-4								
Methylene chloride	98		96		70-130	2		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	98		95		63-132	3		20
1,2-Dichloropropane	94		95		70-130	1		20
Dibromochloromethane	82		83		63-130	1		20
1,1,2-Trichloroethane	85		88		70-130	3		20
Tetrachloroethene	92		92		70-130	0		20
Chlorobenzene	96		93		75-130	3		20
Trichlorofluoromethane	96		89		62-150	8		20
1,2-Dichloroethane	95		94		70-130	1		20
1,1,1-Trichloroethane	100		95		67-130	5		20
Bromodichloromethane	93		91		67-130	2		20
trans-1,3-Dichloropropene	76		78		70-130	3		20
cis-1,3-Dichloropropene	82		84		70-130	2		20
1,1-Dichloropropene	93		90		70-130	3		20
Bromoform	76		79		54-136	4		20
1,1,2,2-Tetrachloroethane	84		87		67-130	4		20
Benzene	98		96		70-130	2		20
Toluene	99		96		70-130	3		20
Ethylbenzene	99		96		70-130	3		20
Chloromethane	110		97		64-130	13		20
Bromomethane	64		64		39-139	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1704629-3 WG1704629-4								
Vinyl chloride	110		97		55-140	13		20
Chloroethane	98		92		55-138	6		20
1,1-Dichloroethene	90		86		61-145	5		20
trans-1,2-Dichloroethene	98		98		70-130	0		20
Trichloroethene	100		96		70-130	4		20
1,2-Dichlorobenzene	94		93		70-130	1		20
1,3-Dichlorobenzene	95		91		70-130	4		20
1,4-Dichlorobenzene	94		93		70-130	1		20
Methyl tert butyl ether	83		87		63-130	5		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	99		98		70-130	1		20
Dibromomethane	92		91		70-130	1		20
1,2,3-Trichloropropane	84		89		64-130	6		20
Acrylonitrile	100		100		70-130	0		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	94		86		36-147	9		20
Acetone	100		110		58-148	10		20
Carbon disulfide	98		90		51-130	9		20
2-Butanone	100		100		63-138	0		20
Vinyl acetate	79		85		70-130	7		20
4-Methyl-2-pentanone	83		86		59-130	4		20
2-Hexanone	89		94		57-130	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1704629-3 WG1704629-4								
Bromochloromethane	94		91		70-130	3		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	85		87		70-130	2		20
1,3-Dichloropropane	88		90		70-130	2		20
1,1,1,2-Tetrachloroethane	82		82		64-130	0		20
Bromobenzene	90		91		70-130	1		20
n-Butylbenzene	92		90		53-136	2		20
sec-Butylbenzene	93		92		70-130	1		20
tert-Butylbenzene	92		90		70-130	2		20
o-Chlorotoluene	100		98		70-130	2		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	85		86		41-144	1		20
Hexachlorobutadiene	86		83		63-130	4		20
Isopropylbenzene	98		97		70-130	1		20
p-Isopropyltoluene	89		87		70-130	2		20
Naphthalene	82		87		70-130	6		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	85		86		70-130	1		20
1,2,4-Trichlorobenzene	85		87		70-130	2		20
1,3,5-Trimethylbenzene	96		94		64-130	2		20
1,2,4-Trimethylbenzene	94		93		70-130	1		20
1,4-Dioxane	118		124		56-162	5		20
p-Diethylbenzene	90		88		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1704629-3 WG1704629-4								
p-Ethyltoluene	100		99		70-130	1		20
1,2,4,5-Tetramethylbenzene	91		89		70-130	2		20
Ethyl ether	80		80		59-134	0		20
trans-1,4-Dichloro-2-butene	91		96		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		104		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	108		107		70-130
Dibromofluoromethane	102		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03-04,07 Batch: WG1704795-3 WG1704795-4								
Methylene chloride	88		88		70-130	0		30
1,1-Dichloroethane	114		112		70-130	2		30
Chloroform	90		88		70-130	2		30
Carbon tetrachloride	97		95		70-130	2		30
1,2-Dichloropropane	109		108		70-130	1		30
Dibromochloromethane	99		98		70-130	1		30
1,1,2-Trichloroethane	93		92		70-130	1		30
Tetrachloroethene	114		114		70-130	0		30
Chlorobenzene	106		106		70-130	0		30
Trichlorofluoromethane	94		93		70-139	1		30
1,2-Dichloroethane	95		93		70-130	2		30
1,1,1-Trichloroethane	97		95		70-130	2		30
Bromodichloromethane	87		86		70-130	1		30
trans-1,3-Dichloropropene	103		102		70-130	1		30
cis-1,3-Dichloropropene	98		97		70-130	1		30
1,1-Dichloropropene	109		108		70-130	1		30
Bromoform	93		92		70-130	1		30
1,1,2,2-Tetrachloroethane	91		89		70-130	2		30
Benzene	100		98		70-130	2		30
Toluene	106		106		70-130	0		30
Ethylbenzene	105		104		70-130	1		30
Chloromethane	**143**	Q	**143**	Q	52-130	0		30
Bromomethane	86		85		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03-04,07 Batch: WG1704795-3 WG1704795-4								
Vinyl chloride	127		125		67-130	2		30
Chloroethane	108		107		50-151	1		30
1,1-Dichloroethene	112		110		65-135	2		30
trans-1,2-Dichloroethene	102		102		70-130	0		30
Trichloroethene	104		103		70-130	1		30
1,2-Dichlorobenzene	104		104		70-130	0		30
1,3-Dichlorobenzene	106		106		70-130	0		30
1,4-Dichlorobenzene	106		105		70-130	1		30
Methyl tert butyl ether	86		85		66-130	1		30
p/m-Xylene	111		111		70-130	0		30
o-Xylene	106		106		70-130	0		30
cis-1,2-Dichloroethene	95		94		70-130	1		30
Dibromomethane	85		84		70-130	1		30
Styrene	103		103		70-130	0		30
Dichlorodifluoromethane	97		97		30-146	0		30
Acetone	91		89		54-140	2		30
Carbon disulfide	73		73		59-130	0		30
2-Butanone	96		93		70-130	3		30
Vinyl acetate	94		92		70-130	2		30
4-Methyl-2-pentanone	116		114		70-130	2		30
1,2,3-Trichloropropane	95		93		68-130	2		30
2-Hexanone	107		105		70-130	2		30
Bromochloromethane	102		101		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03-04,07 Batch: WG1704795-3 WG1704795-4								
2,2-Dichloropropane	105		103		70-130	2		30
1,2-Dibromoethane	97		96		70-130	1		30
1,3-Dichloropropane	97		96		69-130	1		30
1,1,1,2-Tetrachloroethane	105		104		70-130	1		30
Bromobenzene	105		103		70-130	2		30
n-Butylbenzene	109		109		70-130	0		30
sec-Butylbenzene	110		110		70-130	0		30
tert-Butylbenzene	113		112		70-130	1		30
o-Chlorotoluene	106		119		70-130	12		30
p-Chlorotoluene	108		106		70-130	2		30
1,2-Dibromo-3-chloropropane	95		95		68-130	0		30
Hexachlorobutadiene	106		108		67-130	2		30
Isopropylbenzene	107		105		70-130	2		30
p-Isopropyltoluene	114		114		70-130	0		30
Naphthalene	100		99		70-130	1		30
Acrylonitrile	121		120		70-130	1		30
n-Propylbenzene	107		106		70-130	1		30
1,2,3-Trichlorobenzene	102		102		70-130	0		30
1,2,4-Trichlorobenzene	106		106		70-130	0		30
1,3,5-Trimethylbenzene	109		108		70-130	1		30
1,2,4-Trimethylbenzene	107		106		70-130	1		30
1,4-Dioxane	100		102		65-136	2		30
p-Diethylbenzene	116		116		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03-04,07 Batch: WG1704795-3 WG1704795-4								
p-Ethyltoluene	110		109		70-130	1		30
1,2,4,5-Tetramethylbenzene	111		111		70-130	0		30
Ethyl ether	92		91		67-130	1		30
trans-1,4-Dichloro-2-butene	111		108		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		94		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	98		98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1704796-3 WG1704796-4								
Methylene chloride	88		88		70-130	0		30
1,1-Dichloroethane	114		112		70-130	2		30
Chloroform	90		88		70-130	2		30
Carbon tetrachloride	97		95		70-130	2		30
1,2-Dichloropropane	109		108		70-130	1		30
Dibromochloromethane	99		98		70-130	1		30
1,1,2-Trichloroethane	93		92		70-130	1		30
Tetrachloroethene	114		114		70-130	0		30
Chlorobenzene	106		106		70-130	0		30
Trichlorofluoromethane	94		93		70-139	1		30
1,2-Dichloroethane	95		93		70-130	2		30
1,1,1-Trichloroethane	97		95		70-130	2		30
Bromodichloromethane	87		86		70-130	1		30
trans-1,3-Dichloropropene	103		102		70-130	1		30
cis-1,3-Dichloropropene	98		97		70-130	1		30
1,1-Dichloropropene	109		108		70-130	1		30
Bromoform	93		92		70-130	1		30
1,1,2,2-Tetrachloroethane	91		89		70-130	2		30
Benzene	100		98		70-130	2		30
Toluene	106		106		70-130	0		30
Ethylbenzene	105		104		70-130	1		30
Chloromethane	**143**	Q	**143**	Q	52-130	0		30
Bromomethane	86		85		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1704796-3 WG1704796-4								
Vinyl chloride	127		125		67-130	2		30
Chloroethane	108		107		50-151	1		30
1,1-Dichloroethene	112		110		65-135	2		30
trans-1,2-Dichloroethene	102		102		70-130	0		30
Trichloroethene	104		103		70-130	1		30
1,2-Dichlorobenzene	104		104		70-130	0		30
1,3-Dichlorobenzene	106		106		70-130	0		30
1,4-Dichlorobenzene	106		105		70-130	1		30
Methyl tert butyl ether	86		85		66-130	1		30
p/m-Xylene	111		111		70-130	0		30
o-Xylene	106		106		70-130	0		30
cis-1,2-Dichloroethene	95		94		70-130	1		30
Dibromomethane	85		84		70-130	1		30
Styrene	103		103		70-130	0		30
Dichlorodifluoromethane	97		97		30-146	0		30
Acetone	91		89		54-140	2		30
Carbon disulfide	73		73		59-130	0		30
2-Butanone	96		93		70-130	3		30
Vinyl acetate	94		92		70-130	2		30
4-Methyl-2-pentanone	116		114		70-130	2		30
1,2,3-Trichloropropane	95		93		68-130	2		30
2-Hexanone	107		105		70-130	2		30
Bromochloromethane	102		101		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1704796-3 WG1704796-4								
2,2-Dichloropropane	105		103		70-130	2		30
1,2-Dibromoethane	97		96		70-130	1		30
1,3-Dichloropropane	97		96		69-130	1		30
1,1,1,2-Tetrachloroethane	105		104		70-130	1		30
Bromobenzene	105		103		70-130	2		30
n-Butylbenzene	109		109		70-130	0		30
sec-Butylbenzene	110		110		70-130	0		30
tert-Butylbenzene	113		112		70-130	1		30
o-Chlorotoluene	106		119		70-130	12		30
p-Chlorotoluene	108		106		70-130	2		30
1,2-Dibromo-3-chloropropane	95		95		68-130	0		30
Hexachlorobutadiene	106		108		67-130	2		30
Isopropylbenzene	107		105		70-130	2		30
p-Isopropyltoluene	114		114		70-130	0		30
Naphthalene	100		99		70-130	1		30
Acrylonitrile	121		120		70-130	1		30
n-Propylbenzene	107		106		70-130	1		30
1,2,3-Trichlorobenzene	102		102		70-130	0		30
1,2,4-Trichlorobenzene	106		106		70-130	0		30
1,3,5-Trimethylbenzene	109		108		70-130	1		30
1,2,4-Trimethylbenzene	107		106		70-130	1		30
1,4-Dioxane	100		102		65-136	2		30
p-Diethylbenzene	116		116		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1704796-3 WG1704796-4								
p-Ethyltoluene	110		109		70-130	1		30
1,2,4,5-Tetramethylbenzene	111		111		70-130	0		30
Ethyl ether	92		91		67-130	1		30
trans-1,4-Dichloro-2-butene	111		108		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		94		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	98		98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1705149-3 WG1705149-4								
Methylene chloride	74		87		70-130	16		30
1,1-Dichloroethane	88		104		70-130	17		30
Chloroform	72		84		70-130	15		30
Carbon tetrachloride	71		87		70-130	20		30
1,2-Dichloropropane	90		102		70-130	13		30
Dibromochloromethane	89		98		70-130	10		30
1,1,2-Trichloroethane	87		95		70-130	9		30
Tetrachloroethene	92		113		70-130	20		30
Chlorobenzene	91		104		70-130	13		30
Trichlorofluoromethane	**68**	Q	90		70-139	28		30
1,2-Dichloroethane	79		86		70-130	8		30
1,1,1-Trichloroethane	73		89		70-130	20		30
Bromodichloromethane	74		82		70-130	10		30
trans-1,3-Dichloropropene	93		103		70-130	10		30
cis-1,3-Dichloropropene	85		94		70-130	10		30
1,1-Dichloropropene	82		101		70-130	21		30
Bromoform	90		95		70-130	5		30
1,1,2,2-Tetrachloroethane	90		94		70-130	4		30
Benzene	80		95		70-130	17		30
Toluene	88		104		70-130	17		30
Ethylbenzene	86		102		70-130	17		30
Chloromethane	89		120		52-130	30		30
Bromomethane	63		79		57-147	23		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1705149-3 WG1705149-4								
Vinyl chloride	79		108		67-130	**31**	Q	30
Chloroethane	74		95		50-151	25		30
1,1-Dichloroethene	84		107		65-135	24		30
trans-1,2-Dichloroethene	80		98		70-130	20		30
Trichloroethene	79		97		70-130	20		30
1,2-Dichlorobenzene	93		104		70-130	11		30
1,3-Dichlorobenzene	92		105		70-130	13		30
1,4-Dichlorobenzene	93		104		70-130	11		30
Methyl tert butyl ether	79		86		66-130	8		30
p/m-Xylene	92		109		70-130	17		30
o-Xylene	93		105		70-130	12		30
cis-1,2-Dichloroethene	78		92		70-130	16		30
Dibromomethane	77		83		70-130	8		30
Styrene	92		102		70-130	10		30
Dichlorodifluoromethane	55		87		30-146	**45**	Q	30
Acetone	82		83		54-140	1		30
Carbon disulfide	72		69		59-130	4		30
2-Butanone	84		87		70-130	4		30
Vinyl acetate	87		88		70-130	1		30
4-Methyl-2-pentanone	113		118		70-130	4		30
1,2,3-Trichloropropane	91		96		68-130	5		30
2-Hexanone	97		100		70-130	3		30
Bromochloromethane	89		98		70-130	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1705149-3 WG1705149-4								
2,2-Dichloropropane	80		97		70-130	19		30
1,2-Dibromoethane	91		100		70-130	9		30
1,3-Dichloropropane	90		99		69-130	10		30
1,1,1,2-Tetrachloroethane	90		101		70-130	12		30
Bromobenzene	92		102		70-130	10		30
n-Butylbenzene	88		104		70-130	17		30
sec-Butylbenzene	88		106		70-130	19		30
tert-Butylbenzene	91		108		70-130	17		30
o-Chlorotoluene	89		103		70-130	15		30
p-Chlorotoluene	91		104		70-130	13		30
1,2-Dibromo-3-chloropropane	96		100		68-130	4		30
Hexachlorobutadiene	92		111		67-130	19		30
Isopropylbenzene	86		102		70-130	17		30
p-Isopropyltoluene	92		109		70-130	17		30
Naphthalene	96		102		70-130	6		30
Acrylonitrile	111		118		70-130	6		30
n-Propylbenzene	86		102		70-130	17		30
1,2,3-Trichlorobenzene	98		107		70-130	9		30
1,2,4-Trichlorobenzene	99		110		70-130	11		30
1,3,5-Trimethylbenzene	90		106		70-130	16		30
1,2,4-Trimethylbenzene	91		105		70-130	14		30
1,4-Dioxane	110		106		65-136	4		30
p-Diethylbenzene	95		112		70-130	16		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1705149-3 WG1705149-4								
p-Ethyltoluene	90		106		70-130	16		30
1,2,4,5-Tetramethylbenzene	95		109		70-130	14		30
Ethyl ether	84		94		67-130	11		30
trans-1,4-Dichloro-2-butene	99		103		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		90		70-130
Toluene-d8	105		106		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	97		97		70-130

SEMIVOLATILES

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-01
Client ID: SB10_0.5-2.5
Sample Location: QUEENS, NY

Date Collected: 10/25/22 08:50
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/27/22 04:48
Analyst: SLR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 10/26/22 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	36	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	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	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	840		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	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		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	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-01 Date Collected: 10/25/22 08:50

Client ID: SB10_0.5-2.5 Date Received: 10/25/22

Sample Location: QUEENS, 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	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	380		ug/kg	120	22.	1
Benzo(a)pyrene	440		ug/kg	160	48.	1
Benzo(b)fluoranthene	500		ug/kg	120	33.	1
Benzo(k)fluoranthene	160		ug/kg	120	31.	1
Chrysene	390		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	100	J	ug/kg	120	38.	1
Benzo(ghi)perylene	250		ug/kg	160	23.	1
Fluorene	27	J	ug/kg	200	19.	1
Phenanthrene	500		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	58	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	280		ug/kg	160	27.	1
Pyrene	800		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	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	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	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	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-01 Date Collected: 10/25/22 08:50

Client ID: SB10_0.5-2.5 Date Received: 10/25/22

Sample Location: QUEENS, 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	200	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	29	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	49		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	63		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-02
Client ID: SB10_65-67
Sample Location: QUEENS, NY

Date Collected: 10/25/22 10:40
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/26/22 23:44
Analyst: SLR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/26/22 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	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	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	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	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	340		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-02 Date Collected: 10/25/22 10:40

Client ID: SB10_65-67 Date Received: 10/25/22

Sample Location: QUEENS, 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	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	29	J	ug/kg	180	18.	1
Phenanthrene	57	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	23	J	ug/kg	110	18.	1
Biphenyl	46	J	ug/kg	410	23.	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	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	940		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-02 Date Collected: 10/25/22 10:40

Client ID: SB10_65-67 Date Received: 10/25/22

Sample Location: QUEENS, 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	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	70		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-03
Client ID: SB09_1-3
Sample Location: QUEENS, NY

Date Collected: 10/25/22 13:10
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/27/22 06:45
Analyst: SLR
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/26/22 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	300		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	3500		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	290		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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-03 Date Collected: 10/25/22 13:10

Client ID: SB09_1-3 Date Received: 10/25/22

Sample Location: QUEENS, 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	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	1800		ug/kg	120	22.	1
Benzo(a)pyrene	2400		ug/kg	160	49.	1
Benzo(b)fluoranthene	2600		ug/kg	120	34.	1
Benzo(k)fluoranthene	960		ug/kg	120	32.	1
Chrysene	1800		ug/kg	120	21.	1
Acenaphthylene	130	J	ug/kg	160	31.	1
Anthracene	680		ug/kg	120	39.	1
Benzo(ghi)perylene	1200		ug/kg	160	24.	1
Fluorene	280		ug/kg	200	19.	1
Phenanthrene	2000		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	290		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	160	28.	1
Pyrene	3200		ug/kg	120	20.	1
Biphenyl	26	J	ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	140	J	ug/kg	200	19.	1
2-Methylnaphthalene	86	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	ND		ug/kg	290	31.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-03 Date Collected: 10/25/22 13:10

Client ID: SB09_1-3 Date Received: 10/25/22

Sample Location: QUEENS, 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	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	320		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	71		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-04
Client ID: SB09_3-5
Sample Location: QUEENS, NY

Date Collected: 10/25/22 13:40
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/27/22 01:17
Analyst: SLR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/26/22 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	26	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-04 Date Collected: 10/25/22 13:40

Client ID: SB09_3-5 Date Received: 10/25/22

Sample Location: QUEENS, 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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	23	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	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	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-04 Date Collected: 10/25/22 13:40

Client ID: SB09_3-5 Date Received: 10/25/22

Sample Location: QUEENS, 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	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	68		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-05
Client ID: 20221025_FB
Sample Location: QUEENS, NY

Date Collected: 10/25/22 14:30
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/28/22 00:23
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/27/22 02:17

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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-05 Date Collected: 10/25/22 14:30

Client ID: 20221025_FB Date Received: 10/25/22

Sample Location: QUEENS, 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	58		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	90		41-149

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-05
Client ID: 20221025_FB
Sample Location: QUEENS, NY

Date Collected: 10/25/22 14:30
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/22 18:52
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 10/27/22 02:19

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	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	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	0.03	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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-05 Date Collected: 10/25/22 14:30

Client ID: 20221025_FB Date Received: 10/25/22

Sample Location: QUEENS, 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	69		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	116		41-149

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-07
Client ID: SB11_10-12
Sample Location: QUEENS, NY

Date Collected: 10/25/22 08:10
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/27/22 00:54
Analyst: SLR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 10/26/22 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	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	ND		ug/kg	120	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	ND		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: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-07 Date Collected: 10/25/22 08:10

Client ID: SB11_10-12 Date Received: 10/25/22

Sample Location: QUEENS, 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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	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	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		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	120	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	ND		ug/kg	280	30.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-07 Date Collected: 10/25/22 08:10

Client ID: SB11_10-12 Date Received: 10/25/22

Sample Location: QUEENS, 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	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	68		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/26/22 21:47
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 10/26/22 02:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,07 Batch: WG1704153-1					
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	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
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	26.
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: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/26/22 21:47
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 10/26/22 02:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,07 Batch: WG1704153-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
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	69.
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	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/26/22 21:47
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 10/26/22 02:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,07 Batch: WG1704153-1					
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	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	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	77		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/27/22 19:42
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/27/22 02:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1704655-1					
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: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/27/22 19:42
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/27/22 02:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1704655-1					
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: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/27/22 19:42
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/27/22 02:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1704655-1					
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	60		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	85		41-149

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/22 18:19
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 10/27/22 02:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG1704657-1					
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	0.04	J	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: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/22 18:19
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 10/27/22 02:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG1704657-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	114		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,07 Batch: WG1704153-2 WG1704153-3								
Acenaphthene	72		66		31-137	9		50
1,2,4-Trichlorobenzene	74		66		38-107	11		50
Hexachlorobenzene	79		71		40-140	11		50
Bis(2-chloroethyl)ether	66		60		40-140	10		50
2-Chloronaphthalene	76		69		40-140	10		50
1,2-Dichlorobenzene	68		62		40-140	9		50
1,3-Dichlorobenzene	68		62		40-140	9		50
1,4-Dichlorobenzene	68		61		28-104	11		50
3,3'-Dichlorobenzidine	65		62		40-140	5		50
2,4-Dinitrotoluene	74		70		40-132	6		50
2,6-Dinitrotoluene	80		73		40-140	9		50
Fluoranthene	74		70		40-140	6		50
4-Chlorophenyl phenyl ether	73		67		40-140	9		50
4-Bromophenyl phenyl ether	75		70		40-140	7		50
Bis(2-chloroisopropyl)ether	44		40		40-140	10		50
Bis(2-chloroethoxy)methane	72		65		40-117	10		50
Hexachlorobutadiene	66		58		40-140	13		50
Hexachlorocyclopentadiene	71		62		40-140	14		50
Hexachloroethane	64		58		40-140	10		50
Isophorone	68		61		40-140	11		50
Naphthalene	72		66		40-140	9		50
Nitrobenzene	65		59		40-140	10		50
NDPA/DPA	75		69		36-157	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,07 Batch: WG1704153-2 WG1704153-3								
n-Nitrosodi-n-propylamine	64		58		32-121	10		50
Bis(2-ethylhexyl)phthalate	77		70		40-140	10		50
Butyl benzyl phthalate	73		70		40-140	4		50
Di-n-butylphthalate	73		68		40-140	7		50
Di-n-octylphthalate	74		68		40-140	8		50
Diethyl phthalate	74		68		40-140	8		50
Dimethyl phthalate	77		70		40-140	10		50
Benzo(a)anthracene	71		65		40-140	9		50
Benzo(a)pyrene	81		75		40-140	8		50
Benzo(b)fluoranthene	77		73		40-140	5		50
Benzo(k)fluoranthene	80		72		40-140	11		50
Chrysene	74		68		40-140	8		50
Acenaphthylene	78		72		40-140	8		50
Anthracene	74		69		40-140	7		50
Benzo(ghi)perylene	74		67		40-140	10		50
Fluorene	74		68		40-140	8		50
Phenanthrene	72		66		40-140	9		50
Dibenzo(a,h)anthracene	72		67		40-140	7		50
Indeno(1,2,3-cd)pyrene	82		74		40-140	10		50
Pyrene	75		70		35-142	7		50
Biphenyl	75		69		37-127	8		50
4-Chloroaniline	59		54		40-140	9		50
2-Nitroaniline	79		73		47-134	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,07 Batch: WG1704153-2 WG1704153-3								
3-Nitroaniline	73		70		26-129	4		50
4-Nitroaniline	78		74		41-125	5		50
Dibenzofuran	73		67		40-140	9		50
2-Methylnaphthalene	76		69		40-140	10		50
1,2,4,5-Tetrachlorobenzene	75		67		40-117	11		50
Acetophenone	74		67		14-144	10		50
2,4,6-Trichlorophenol	78		71		30-130	9		50
p-Chloro-m-cresol	77		71		26-103	8		50
2-Chlorophenol	77		71		25-102	8		50
2,4-Dichlorophenol	82		74		30-130	10		50
2,4-Dimethylphenol	78		70		30-130	11		50
2-Nitrophenol	79		73		30-130	8		50
4-Nitrophenol	62		57		11-114	8		50
2,4-Dinitrophenol	62		62		4-130	0		50
4,6-Dinitro-o-cresol	81		74		10-130	9		50
Pentachlorophenol	62		59		17-109	5		50
Phenol	65		60		26-90	8		50
2-Methylphenol	75		67		30-130.	11		50
3-Methylphenol/4-Methylphenol	76		69		30-130	10		50
2,4,5-Trichlorophenol	78		70		30-130	11		50
Benzoic Acid	38		42		10-110	10		50
Benzyl Alcohol	68		61		40-140	11		50
Carbazole	74		72		54-128	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,07 Batch: WG1704153-2 WG1704153-3								
1,4-Dioxane	51		50		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		69		25-120
Phenol-d6	74		68		10-120
Nitrobenzene-d5	66		61		23-120
2-Fluorobiphenyl	75		68		30-120
2,4,6-Tribromophenol	70		66		10-136
4-Terphenyl-d14	73		69		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1704655-2 WG1704655-3								
Acenaphthene	78		64		37-111	20		30
1,2,4-Trichlorobenzene	76		64		39-98	17		30
Hexachlorobenzene	85		72		40-140	17		30
Bis(2-chloroethyl)ether	72		66		40-140	9		30
2-Chloronaphthalene	80		71		40-140	12		30
1,2-Dichlorobenzene	73		62		40-140	16		30
1,3-Dichlorobenzene	75		62		40-140	19		30
1,4-Dichlorobenzene	70		64		36-97	9		30
3,3'-Dichlorobenzidine	85		75		40-140	13		30
2,4-Dinitrotoluene	116		100		48-143	15		30
2,6-Dinitrotoluene	114		95		40-140	18		30
Fluoranthene	81		75		40-140	8		30
4-Chlorophenyl phenyl ether	88		74		40-140	17		30
4-Bromophenyl phenyl ether	86		76		40-140	12		30
Bis(2-chloroisopropyl)ether	66		56		40-140	16		30
Bis(2-chloroethoxy)methane	77		67		40-140	14		30
Hexachlorobutadiene	72		57		40-140	23		30
Hexachlorocyclopentadiene	78		65		40-140	18		30
Hexachloroethane	70		56		40-140	22		30
Isophorone	79		68		40-140	15		30
Naphthalene	76		63		40-140	19		30
Nitrobenzene	86		75		40-140	14		30
NDPA/DPA	91		80		40-140	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1704655-2 WG1704655-3								
n-Nitrosodi-n-propylamine	76		65		29-132	16		30
Bis(2-ethylhexyl)phthalate	122		110		40-140	10		30
Butyl benzyl phthalate	99		95		40-140	4		30
Di-n-butylphthalate	88		86		40-140	2		30
Di-n-octylphthalate	116		105		40-140	10		30
Diethyl phthalate	92		80		40-140	14		30
Dimethyl phthalate	92		86		40-140	7		30
Benzo(a)anthracene	91		82		40-140	10		30
Benzo(a)pyrene	84		77		40-140	9		30
Benzo(b)fluoranthene	98		92		40-140	6		30
Benzo(k)fluoranthene	84		73		40-140	14		30
Chrysene	91		82		40-140	10		30
Acenaphthylene	84		73		45-123	14		30
Anthracene	80		76		40-140	5		30
Benzo(ghi)perylene	80		74		40-140	8		30
Fluorene	85		72		40-140	17		30
Phenanthrene	79		75		40-140	5		30
Dibenzo(a,h)anthracene	87		81		40-140	7		30
Indeno(1,2,3-cd)pyrene	94		79		40-140	17		30
Pyrene	82		79		26-127	4		30
Biphenyl	84		70		40-140	18		30
4-Chloroaniline	64		59		40-140	8		30
2-Nitroaniline	119		108		52-143	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1704655-2 WG1704655-3								
3-Nitroaniline	98		83		25-145	17		30
4-Nitroaniline	102		95		51-143	7		30
Dibenzofuran	82		69		40-140	17		30
2-Methylnaphthalene	78		69		40-140	12		30
1,2,4,5-Tetrachlorobenzene	78		64		2-134	20		30
Acetophenone	74		67		39-129	10		30
2,4,6-Trichlorophenol	85		75		30-130	13		30
p-Chloro-m-cresol	81		74		23-97	9		30
2-Chlorophenol	72		61		27-123	17		30
2,4-Dichlorophenol	85		75		30-130	13		30
2,4-Dimethylphenol	72		61		30-130	17		30
2-Nitrophenol	115		97		30-130	17		30
4-Nitrophenol	**85**	Q	78		10-80	9		30
2,4-Dinitrophenol	105		92		20-130	13		30
4,6-Dinitro-o-cresol	139		129		20-164	7		30
Pentachlorophenol	73		68		9-103	7		30
Phenol	50		44		12-110	13		30
2-Methylphenol	73		69		30-130	6		30
3-Methylphenol/4-Methylphenol	78		70		30-130	11		30
2,4,5-Trichlorophenol	91		83		30-130	9		30
Benzoic Acid	42		41		10-164	2		30
Benzyl Alcohol	72		66		26-116	9		30
Carbazole	82		79		55-144	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 16-63 CODY AVENUE

Project Number: 101015501

Lab Number: L2259632

Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1704655-2 WG1704655-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	57		53		21-120
Phenol-d6	49		41		10-120
Nitrobenzene-d5	90		75		23-120
2-Fluorobiphenyl	80		71		15-120
2,4,6-Tribromophenol	81		76		10-120
4-Terphenyl-d14	82		78		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG1704657-2 WG1704657-3								
Acenaphthene	95		92		40-140	3		40
2-Chloronaphthalene	97		91		40-140	6		40
Fluoranthene	118		123		40-140	4		40
Hexachlorobutadiene	71		66		40-140	7		40
Naphthalene	92		88		40-140	4		40
Benzo(a)anthracene	103		104		40-140	1		40
Benzo(a)pyrene	112		112		40-140	0		40
Benzo(b)fluoranthene	115		117		40-140	2		40
Benzo(k)fluoranthene	111		114		40-140	3		40
Chrysene	92		93		40-140	1		40
Acenaphthylene	114		107		40-140	6		40
Anthracene	106		106		40-140	0		40
Benzo(ghi)perylene	105		102		40-140	3		40
Fluorene	103		101		40-140	2		40
Phenanthrene	96		96		40-140	0		40
Dibenzo(a,h)anthracene	121		119		40-140	2		40
Indeno(1,2,3-cd)pyrene	125		122		40-140	2		40
Pyrene	118		124		40-140	5		40
2-Methylnaphthalene	101		95		40-140	6		40
Pentachlorophenol	86		92		40-140	7		40
Hexachlorobenzene	73		71		40-140	3		40
Hexachloroethane	89		81		40-140	9		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 16-63 CODY AVENUE

Project Number: 101015501

Lab Number: L2259632

Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG1704657-2 WG1704657-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		71		21-120
Phenol-d6	63		59		10-120
Nitrobenzene-d5	113		105		23-120
2-Fluorobiphenyl	92		89		15-120
2,4,6-Tribromophenol	104		109		10-120
4-Terphenyl-d14	120		128		41-149

METALS

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-01
Client ID: SB10_0.5-2.5
Sample Location: QUEENS, NY

Date Collected: 10/25/22 08:50
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5960		mg/kg	9.12	2.46	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Antimony, Total	ND		mg/kg	4.56	0.347	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Arsenic, Total	4.22		mg/kg	0.912	0.190	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Barium, Total	54.6		mg/kg	0.912	0.159	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.351	J	mg/kg	0.456	0.030	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.912	0.089	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Calcium, Total	1180		mg/kg	9.12	3.19	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Chromium, Total	15.9		mg/kg	0.912	0.088	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.89		mg/kg	1.82	0.151	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Copper, Total	43.8		mg/kg	0.912	0.235	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Iron, Total	17300		mg/kg	4.56	0.824	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Lead, Total	104		mg/kg	4.56	0.244	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Magnesium, Total	1510		mg/kg	9.12	1.40	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Manganese, Total	366		mg/kg	0.912	0.145	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Mercury, Total	0.503		mg/kg	0.078	0.051	1	10/26/22 09:45	10/26/22 13:22	EPA 7471B	1,7471B	ZK
Nickel, Total	10.9		mg/kg	2.28	0.221	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Potassium, Total	582		mg/kg	228	13.1	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.82	0.235	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.456	0.258	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Sodium, Total	82.6	J	mg/kg	182	2.87	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.82	0.287	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Vanadium, Total	20.7		mg/kg	0.912	0.185	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC
Zinc, Total	87.4		mg/kg	4.56	0.267	2	10/26/22 08:25	10/26/22 16:59	EPA 3050B	1,6010D	MRC

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-02
Client ID: SB10_65-67
Sample Location: QUEENS, NY
Date Collected: 10/25/22 10:40
Date Received: 10/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2400		mg/kg	8.20	2.22	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Antimony, Total	ND		mg/kg	4.10	0.312	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Arsenic, Total	0.552	J	mg/kg	0.820	0.171	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Barium, Total	18.2		mg/kg	0.820	0.143	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.157	J	mg/kg	0.410	0.027	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.820	0.080	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Calcium, Total	551		mg/kg	8.20	2.87	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Chromium, Total	7.90		mg/kg	0.820	0.079	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Cobalt, Total	2.72		mg/kg	1.64	0.136	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Copper, Total	7.88		mg/kg	0.820	0.212	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Iron, Total	8980		mg/kg	4.10	0.741	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Lead, Total	2.78	J	mg/kg	4.10	0.220	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Magnesium, Total	1360		mg/kg	8.20	1.26	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Manganese, Total	95.5		mg/kg	0.820	0.130	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.071	0.046	1	10/26/22 09:45	10/26/22 13:25	EPA 7471B	1,7471B	ZK
Nickel, Total	5.62		mg/kg	2.05	0.198	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Potassium, Total	347		mg/kg	205	11.8	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.64	0.212	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.410	0.232	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Sodium, Total	62.8	J	mg/kg	164	2.58	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.64	0.258	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Vanadium, Total	11.0		mg/kg	0.820	0.166	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC
Zinc, Total	12.2		mg/kg	4.10	0.240	2	10/26/22 08:25	10/26/22 17:03	EPA 3050B	1,6010D	MRC

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-03
Client ID: SB09_1-3
Sample Location: QUEENS, NY
Date Collected: 10/25/22 13:10
Date Received: 10/25/22
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	5860		mg/kg	9.56	2.58	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Antimony, Total	1.21	J	mg/kg	4.78	0.363	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Arsenic, Total	5.13		mg/kg	0.956	0.199	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Barium, Total	90.5		mg/kg	0.956	0.166	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.362	J	mg/kg	0.478	0.032	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.098	J	mg/kg	0.956	0.094	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Calcium, Total	1530		mg/kg	9.56	3.35	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Chromium, Total	14.6		mg/kg	0.956	0.092	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.40		mg/kg	1.91	0.159	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Copper, Total	94.8		mg/kg	0.956	0.247	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Iron, Total	13500		mg/kg	4.78	0.863	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Lead, Total	476		mg/kg	4.78	0.256	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Magnesium, Total	1480		mg/kg	9.56	1.47	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Manganese, Total	91.4		mg/kg	0.956	0.152	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Mercury, Total	0.888		mg/kg	0.077	0.050	1	10/26/22 09:45	10/26/22 13:28	EPA 7471B	1,7471B	ZK
Nickel, Total	19.4		mg/kg	2.39	0.231	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Potassium, Total	534		mg/kg	239	13.8	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.91	0.247	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.478	0.270	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Sodium, Total	119	J	mg/kg	191	3.01	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.91	0.301	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Vanadium, Total	18.4		mg/kg	0.956	0.194	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC
Zinc, Total	336		mg/kg	4.78	0.280	2	10/26/22 08:25	10/26/22 17:08	EPA 3050B	1,6010D	MRC

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-04
Client ID: SB09_3-5
Sample Location: QUEENS, NY
Date Collected: 10/25/22 13:40
Date Received: 10/25/22
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	8500		mg/kg	8.74	2.36	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Antimony, Total	0.968	J	mg/kg	4.37	0.332	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Arsenic, Total	2.82		mg/kg	0.874	0.182	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Barium, Total	41.3		mg/kg	0.874	0.152	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.296	J	mg/kg	0.437	0.029	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.126	J	mg/kg	0.874	0.086	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Calcium, Total	773		mg/kg	8.74	3.06	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Chromium, Total	15.3		mg/kg	0.874	0.084	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Cobalt, Total	22.1		mg/kg	1.75	0.145	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Copper, Total	11.6		mg/kg	0.874	0.225	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Iron, Total	12700		mg/kg	4.37	0.789	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Lead, Total	18.2		mg/kg	4.37	0.234	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Magnesium, Total	1390		mg/kg	8.74	1.34	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Manganese, Total	213		mg/kg	0.874	0.139	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Mercury, Total	0.080		mg/kg	0.072	0.047	1	10/26/22 09:45	10/26/22 13:31	EPA 7471B	1,7471B	ZK
Nickel, Total	19.1		mg/kg	2.18	0.211	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Potassium, Total	355		mg/kg	218	12.6	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.75	0.225	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.437	0.247	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Sodium, Total	34.7	J	mg/kg	175	2.75	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.75	0.275	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Vanadium, Total	21.1		mg/kg	0.874	0.177	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC
Zinc, Total	366		mg/kg	4.37	0.256	2	10/26/22 08:25	10/26/22 17:12	EPA 3050B	1,6010D	MRC

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-05
Client ID: 20221025_FB
Sample Location: QUEENS, NY
Sample Depth:
Matrix: Water

Date Collected: 10/25/22 14:30
Date Received: 10/25/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00597	J	mg/l	0.0100	0.00327	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Calcium, Total	0.0561	J	mg/l	0.100	0.0394	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/26/22 13:23	10/26/22 20:34	EPA 7470A	1,7470A	TAA
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Sodium, Total	0.317		mg/l	0.100	0.0293	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/26/22 12:59	10/30/22 18:23	EPA 3005A	1,6020B	WKP

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-07
Client ID: SB11_10-12
Sample Location: QUEENS, NY
Date Collected: 10/25/22 08:10
Date Received: 10/25/22
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											
Aluminum, Total	4360		mg/kg	9.02	2.44	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Antimony, Total	ND		mg/kg	4.51	0.343	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.70		mg/kg	0.902	0.188	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Barium, Total	33.3		mg/kg	0.902	0.157	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.270	J	mg/kg	0.451	0.030	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.173	J	mg/kg	0.902	0.088	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Calcium, Total	626		mg/kg	9.02	3.16	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Chromium, Total	8.32		mg/kg	0.902	0.087	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Cobalt, Total	3.81		mg/kg	1.80	0.150	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Copper, Total	16.2		mg/kg	0.902	0.233	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Iron, Total	9350		mg/kg	4.51	0.815	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Lead, Total	4.48	J	mg/kg	4.51	0.242	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Magnesium, Total	1290		mg/kg	9.02	1.39	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Manganese, Total	413		mg/kg	0.902	0.143	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.076	0.050	1	10/26/22 09:45	10/26/22 13:35	EPA 7471B	1,7471B	ZK
Nickel, Total	9.10		mg/kg	2.26	0.218	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Potassium, Total	387		mg/kg	226	13.0	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.80	0.233	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.451	0.255	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Sodium, Total	57.3	J	mg/kg	180	2.84	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.80	0.284	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Vanadium, Total	14.5		mg/kg	0.902	0.183	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC
Zinc, Total	76.7		mg/kg	4.51	0.264	2	10/26/22 08:25	10/26/22 17:16	EPA 3050B	1,6010D	MRC

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

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): 01-04,07 Batch: WG1704227-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/26/22 09:45	10/26/22 12:49	1,7471B	ZK

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): 01-04,07 Batch: WG1704230-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Barium, Total	ND		mg/kg	0.400	0.070	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Copper, Total	ND		mg/kg	0.400	0.103	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Iron, Total	ND		mg/kg	2.00	0.361	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Lead, Total	ND		mg/kg	2.00	0.107	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Potassium, Total	ND		mg/kg	100	5.76	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Silver, Total	ND		mg/kg	0.200	0.113	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Sodium, Total	2.84	J	mg/kg	80.0	1.26	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/26/22 08:25	10/26/22 14:34	1,6010D	MRC

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

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): 05 Batch: WG1704425-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/26/22 12:59	10/27/22 10:56	1,6020B	SV

Prep Information

Digestion Method: EPA 3005A

Project Name: 16-63 CODY AVENUE **Lab Number:** L2259632

Project Number: 101015501 **Report Date:** 10/31/22

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): 05 Batch: WG1704426-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/26/22 13:30	10/26/22 20:15	1,7470A	TAA

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04,07 Batch: WG1704227-2 SRM Lot Number: D113-540								
Mercury, Total	95		-		60-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04,07 Batch: WG1704230-2 SRM Lot Number: D113-540					
Aluminum, Total	73	-	51-149	-	
Antimony, Total	170	-	20-250	-	
Arsenic, Total	106	-	70-130	-	
Barium, Total	85	-	75-125	-	
Beryllium, Total	90	-	75-125	-	
Cadmium, Total	101	-	75-125	-	
Calcium, Total	91	-	73-128	-	
Chromium, Total	93	-	70-130	-	
Cobalt, Total	102	-	75-125	-	
Copper, Total	96	-	75-125	-	
Iron, Total	88	-	36-164	-	
Lead, Total	103	-	72-128	-	
Magnesium, Total	87	-	63-138	-	
Manganese, Total	88	-	77-123	-	
Nickel, Total	103	-	70-130	-	
Potassium, Total	83	-	59-141	-	
Selenium, Total	104	-	66-134	-	
Silver, Total	96	-	70-131	-	
Sodium, Total	87	-	35-164	-	
Thallium, Total	105	-	70-130	-	
Vanadium, Total	92	-	74-126	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04,07 Batch: WG1704230-2 SRM Lot Number: D113-540					
Zinc, Total	100	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1704425-2					
Aluminum, Total	106	-	80-120	-	
Antimony, Total	97	-	80-120	-	
Arsenic, Total	112	-	80-120	-	
Barium, Total	103	-	80-120	-	
Beryllium, Total	100	-	80-120	-	
Cadmium, Total	102	-	80-120	-	
Calcium, Total	101	-	80-120	-	
Chromium, Total	104	-	80-120	-	
Cobalt, Total	101	-	80-120	-	
Copper, Total	102	-	80-120	-	
Iron, Total	106	-	80-120	-	
Lead, Total	99	-	80-120	-	
Magnesium, Total	103	-	80-120	-	
Manganese, Total	106	-	80-120	-	
Nickel, Total	102	-	80-120	-	
Potassium, Total	104	-	80-120	-	
Selenium, Total	101	-	80-120	-	
Silver, Total	96	-	80-120	-	
Sodium, Total	103	-	80-120	-	
Thallium, Total	99	-	80-120	-	
Vanadium, Total	106	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1704425-2					
Zinc, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1704426-2					
Mercury, Total	94	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2259632
Report Date: 10/31/22

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): 01-04,07 QC Batch ID: WG1704227-3 QC Sample: L2259609-01 Client ID: MS Sample												
Mercury, Total	ND	1.68	1.96	117		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

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): 01-04,07 QC Batch ID: WG1704230-3 QC Sample: L2259609-01 Client ID: MS Sample										
Aluminum, Total	7160	200	8700	**768**	Q	-	-	75-125	-	20
Antimony, Total	ND	50.1	53.5	107		-	-	75-125	-	20
Arsenic, Total	0.818J	12	14.7	122		-	-	75-125	-	20
Barium, Total	57.2	200	274	108		-	-	75-125	-	20
Beryllium, Total	0.448J	5.01	5.75	115		-	-	75-125	-	20
Cadmium, Total	ND	5.31	5.73	108		-	-	75-125	-	20
Calcium, Total	2200	1000	3560	**136**	Q	-	-	75-125	-	20
Chromium, Total	22.1	20	45.8	118		-	-	75-125	-	20
Cobalt, Total	7.58	50.1	58.6	102		-	-	75-125	-	20
Copper, Total	17.9	25	47.6	118		-	-	75-125	-	20
Iron, Total	15600	100	17700	**2100**	Q	-	-	75-125	-	20
Lead, Total	3.60J	53.1	60.1	113		-	-	75-125	-	20
Magnesium, Total	5410	1000	7340	**193**	Q	-	-	75-125	-	20
Manganese, Total	248	50.1	334	**172**	Q	-	-	75-125	-	20
Nickel, Total	17.8	50.1	70.6	105		-	-	75-125	-	20
Potassium, Total	1520	1000	2910	**139**	Q	-	-	75-125	-	20
Selenium, Total	ND	12	12.4	103		-	-	75-125	-	20
Silver, Total	ND	30	33.1	110		-	-	75-125	-	20
Sodium, Total	152J	1000	1260	**126**	Q	-	-	75-125	-	20
Thallium, Total	ND	12	13.7	114		-	-	75-125	-	20
Vanadium, Total	28.0	50.1	83.0	110		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

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): 01-04,07 QC Batch ID: WG1704230-3 QC Sample: L2259609-01 Client ID: MS Sample									
Zinc, Total	51.3	50.1	104	105	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

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 QC Batch ID: WG1704425-3 WG1704425-4 QC Sample: L2259719-05 Client ID: MS Sample											
Aluminum, Total	0.007J	2	2.11	106		2.13	106		75-125	1	20
Antimony, Total	0.0006J	0.5	0.5318	106		0.5031	101		75-125	6	20
Arsenic, Total	0.00236	0.12	0.1290	106		0.1301	106		75-125	1	20
Barium, Total	0.1592	2	2.189	101		2.168	100		75-125	1	20
Beryllium, Total	ND	0.05	0.04869	97		0.04919	98		75-125	1	20
Cadmium, Total	0.00010J	0.053	0.05414	102		0.05320	100		75-125	2	20
Calcium, Total	108.	10	114	**60**	Q	117	90		75-125	3	20
Chromium, Total	ND	0.2	0.2003	100		0.2040	102		75-125	2	20
Cobalt, Total	0.0012	0.5	0.4876	97		0.4968	99		75-125	2	20
Copper, Total	0.00056J	0.25	0.2422	97		0.2494	100		75-125	3	20
Iron, Total	0.829	1	1.83	100		1.85	102		75-125	1	20
Lead, Total	ND	0.53	0.5262	99		0.5218	98		75-125	1	20
Magnesium, Total	14.9	10	25.0	101		25.0	101		75-125	0	20
Manganese, Total	0.1647	0.5	0.6640	100		0.6800	103		75-125	2	20
Nickel, Total	0.0013J	0.5	0.4871	97		0.4984	100		75-125	2	20
Potassium, Total	10.2	10	20.0	98		20.4	102		75-125	2	20
Selenium, Total	ND	0.12	0.115	96		0.113	94		75-125	2	20
Silver, Total	ND	0.05	0.04706	94		0.04774	95		75-125	1	20
Sodium, Total	313.	10	312	**0**	Q	308	**0**	Q	75-125	1	20
Thallium, Total	0.0001J	0.12	0.1214	101		0.1204	100		75-125	1	20
Vanadium, Total	ND	0.5	0.5314	106		0.5304	106		75-125	0	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

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 QC Batch ID: WG1704425-3 WG1704425-4 QC Sample: L2259719-05 Client ID: MS Sample									
Zinc, Total	0.00927J	0.5	0.4810	96	0.4982	100	75-125	4	20
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1704426-3 WG1704426-4 QC Sample: L2259719-05 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00447	90	0.00451	90	75-125	1	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 16-63 CODY AVENUE

Project Number: 101015501

Lab Number: L2259632

Report Date: 10/31/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04,07 QC Batch ID: WG1704227-4 QC Sample: L2259609-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 16-63 CODY AVENUE

Project Number: 101015501

Lab Number: L2259632

Report Date: 10/31/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04,07 QC Batch ID: WG1704230-4 QC Sample: L2259609-01 Client ID: DUP Sample					
Aluminum, Total	7160	8600	mg/kg	18	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	0.818J	0.947J	mg/kg	NC	20
Barium, Total	57.2	69.0	mg/kg	19	20
Beryllium, Total	0.448J	0.476J	mg/kg	NC	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	2200	2420	mg/kg	10	20
Chromium, Total	22.1	26.9	mg/kg	20	20
Cobalt, Total	7.58	7.88	mg/kg	4	20
Copper, Total	17.9	19.6	mg/kg	9	20
Iron, Total	15600	18000	mg/kg	14	20
Lead, Total	3.60J	3.27J	mg/kg	NC	20
Magnesium, Total	5410	6540	mg/kg	19	20
Manganese, Total	248	283	mg/kg	13	20
Nickel, Total	17.8	20.0	mg/kg	12	20
Potassium, Total	1520	1790	mg/kg	16	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	152J	176J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 16-63 CODY AVENUE

Project Number: 101015501

Lab Number: L2259632

Report Date: 10/31/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04,07 QC Batch ID: WG1704230-4 QC Sample: L2259609-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	28.0	31.2	mg/kg	11	20
Zinc, Total	51.3	55.7	mg/kg	8	20

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2259632
Report Date: 10/31/22

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04,07 QC Batch ID: WG1704230-6 QC Sample: L2259609-01 Client ID: DUP Sample						
Aluminum, Total	7160	7840	mg/kg	9		20
Barium, Total	57.2	63.6	mg/kg	11		20
Calcium, Total	2200	2480	mg/kg	13		20
Iron, Total	15600	17600	mg/kg	13		20
Magnesium, Total	5410	5680	mg/kg	5		20
Manganese, Total	248	278	mg/kg	12		20
Vanadium, Total	28.0	30.2	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1704425-6 QC Sample: L2259719-05 Client ID: DUP Sample						
Barium, Total	0.1592	0.1624	mg/l	2		20
Calcium, Total	108.	108.	mg/l	0		20
Manganese, Total	0.1647	0.1612	mg/l	2		20
Sodium, Total	313.	303.	mg/l	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-01
Client ID: SB10_0.5-2.5
Sample Location: QUEENS, NY

Date Collected: 10/25/22 08:50
Date Received: 10/25/22
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	83.6		%	0.100	NA	1	-	10/26/22 08:36	121,2540G	RI

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-02
Client ID: SB10_65-67
Sample Location: QUEENS, NY

Date Collected: 10/25/22 10:40
Date Received: 10/25/22
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	91.5		%	0.100	NA	1	-	10/26/22 08:36	121,2540G	RI

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-03
Client ID: SB09_1-3
Sample Location: QUEENS, NY

Date Collected: 10/25/22 13:10
Date Received: 10/25/22
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	82.1		%	0.100	NA	1	-	10/26/22 08:36	121,2540G	RI

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-04
Client ID: SB09_3-5
Sample Location: QUEENS, NY

Date Collected: 10/25/22 13:40
Date Received: 10/25/22
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	88.7		%	0.100	NA	1	-	10/26/22 08:36	121,2540G	RI

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

SAMPLE RESULTS

Lab ID: L2259632-07
Client ID: SB11_10-12
Sample Location: QUEENS, NY

Date Collected: 10/25/22 08:10
Date Received: 10/25/22
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	86.1		%	0.100	NA	1	-	10/26/22 08:36	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 16-63 CODY AVENUE

Project Number: 101015501

Lab Number: L2259632

Report Date: 10/31/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04,07 QC Batch ID: WG1704249-1 QC Sample: L2259520-02 Client ID: DUP Sample						
Solids, Total	88.6	88.8	%	0		20

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

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(*)
L2259632-01A	Vial MeOH preserved	A	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2259632-01B	Vial water preserved	A	NA		2.5	Y	Absent	26-OCT-22 02:20	NYTCL-8260HLW(14)
L2259632-01C	Vial water preserved	A	NA		2.5	Y	Absent	26-OCT-22 02:20	NYTCL-8260HLW(14)
L2259632-01D	Plastic 120ml unpreserved	A	NA		2.5	Y	Absent		TS(7)
L2259632-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2259632-01F	Glass 120ml/4oz unpreserved	A	NA		2.5	Y	Absent		NYTCL-8270(14)
L2259632-02A	Vial MeOH preserved	A	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2259632-02B	Vial water preserved	A	NA		2.5	Y	Absent	26-OCT-22 02:20	NYTCL-8260HLW(14)
L2259632-02C	Vial water preserved	A	NA		2.5	Y	Absent	26-OCT-22 02:20	NYTCL-8260HLW(14)
L2259632-02D	Plastic 120ml unpreserved	A	NA		2.5	Y	Absent		TS(7)
L2259632-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2259632-02F	Glass 120ml/4oz unpreserved	A	NA		2.5	Y	Absent		NYTCL-8270(14)
L2259632-03A	Vial MeOH preserved	A	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2259632-03B	Vial water preserved	A	NA		2.5	Y	Absent	26-OCT-22 02:20	NYTCL-8260HLW(14)
L2259632-03C	Vial water preserved	A	NA		2.5	Y	Absent	26-OCT-22 02:20	NYTCL-8260HLW(14)
L2259632-03D	Plastic 120ml unpreserved	A	NA		2.5	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2259632-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2259632-03F	Glass 120ml/4oz unpreserved	A	NA		2.5	Y	Absent		NYTCL-8270(14)
L2259632-04A	Vial MeOH preserved	A	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2259632-04B	Vial water preserved	A	NA		2.5	Y	Absent	26-OCT-22 02:20	NYTCL-8260HLW(14)
L2259632-04C	Vial water preserved	A	NA		2.5	Y	Absent	26-OCT-22 02:20	NYTCL-8260HLW(14)
L2259632-04D	Plastic 120ml unpreserved	A	NA		2.5	Y	Absent		TS(7)
L2259632-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.5	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),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2259632-04F	Glass 120ml/4oz unpreserved	A	NA		2.5	Y	Absent		NYTCL-8270(14)
L2259632-05A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260(14)
L2259632-05B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260(14)
L2259632-05C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260(14)
L2259632-05D	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2259632-05E	Amber 250ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2259632-05F	Amber 250ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2259632-06A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260(14)
L2259632-06B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260(14)
L2259632-07A	Vial MeOH preserved	A	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2259632-07B	Vial water preserved	A	NA		2.5	Y	Absent	26-OCT-22 02:20	NYTCL-8260HLW(14)
L2259632-07C	Vial water preserved	A	NA		2.5	Y	Absent	26-OCT-22 02:20	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2259632
Report Date: 10/31/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2259632-07D	Plastic 120ml unpreserved	A	NA		2.5	Y	Absent		TS(7)
L2259632-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2259632-07F	Glass 120ml/4oz unpreserved	A	NA		2.5	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2259632
Project Number:	101015501	**Report Date:**	10/31/22

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2259632
Project Number:	101015501	**Report Date:**	10/31/22

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.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2259632
Project Number:	101015501	**Report Date:**	10/31/22

Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2259632
Project Number:	101015501	**Report Date:**	10/31/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW 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 1

Date Rec'd in Lab: 10/25/22

ALPHA Job #: L2259637

Client Information
Client: LANGAN
Address: 300 KIMALL DR
PARSIPPANY NJ 07054
Phone: 973-560-4900
Fax: —
Email: lkott@langan.com

Project Information
Project Name: 16-63 CODY AVENUE
Project Location: QUEENS NY
Project #: 101015501
(Use Project name as Project #) ☐
Project Manager: LAUREN KOTT, BEN ROO
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☑ # of Days: 3 day TAT VOCs 5-7 day for remainder

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other NJ REDUCED

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:
VOC analysis required on a Rush 3-day TAT (Excluding Trip Blank & Field Blank)
SVOC and metals analyses on Standard 5-7 day TAT

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	VOCs *	SVOCs	Metals	Sample Specific Comments	Total Bottle
59637 -01	SB10_0.5-2.5	10/25/22	850	S	SH	X	X	X	*VOC analysis	6
-02	SB10_6.5-6.7		1040	S	SH	X	X	X	required on 3-day	6
-03	SB09_1-3		1310	S	SH	X	X	X	TAT. SVOC & metals	6
-04	SB09_3-5		1340	S	SH	X	X	X	analysis on standard	6
-05	20221025_FB		1430	AQ	SH	X	X	X	5-7 day TAT.	6
-06	202210_TB		—	AQ	—	X			*TB & FB VOC	2
-07	SB-11_10-12		810	S	DL	X	X	X	analysis not included	6
									on Rush TAT	

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	A
Preservative	B	A	C

Relinquished By:	Date/Time	Received By:	Date/Time
(Langan)	10/25/22 1515	[redacted]	
Alpha (AAL)	10/25/22 1915	Alpha (AAL)	10/25/22 1515
	10/25/22 1930		10/25/22 2141
	10/25/22 2310		10/25/22 2340

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.)

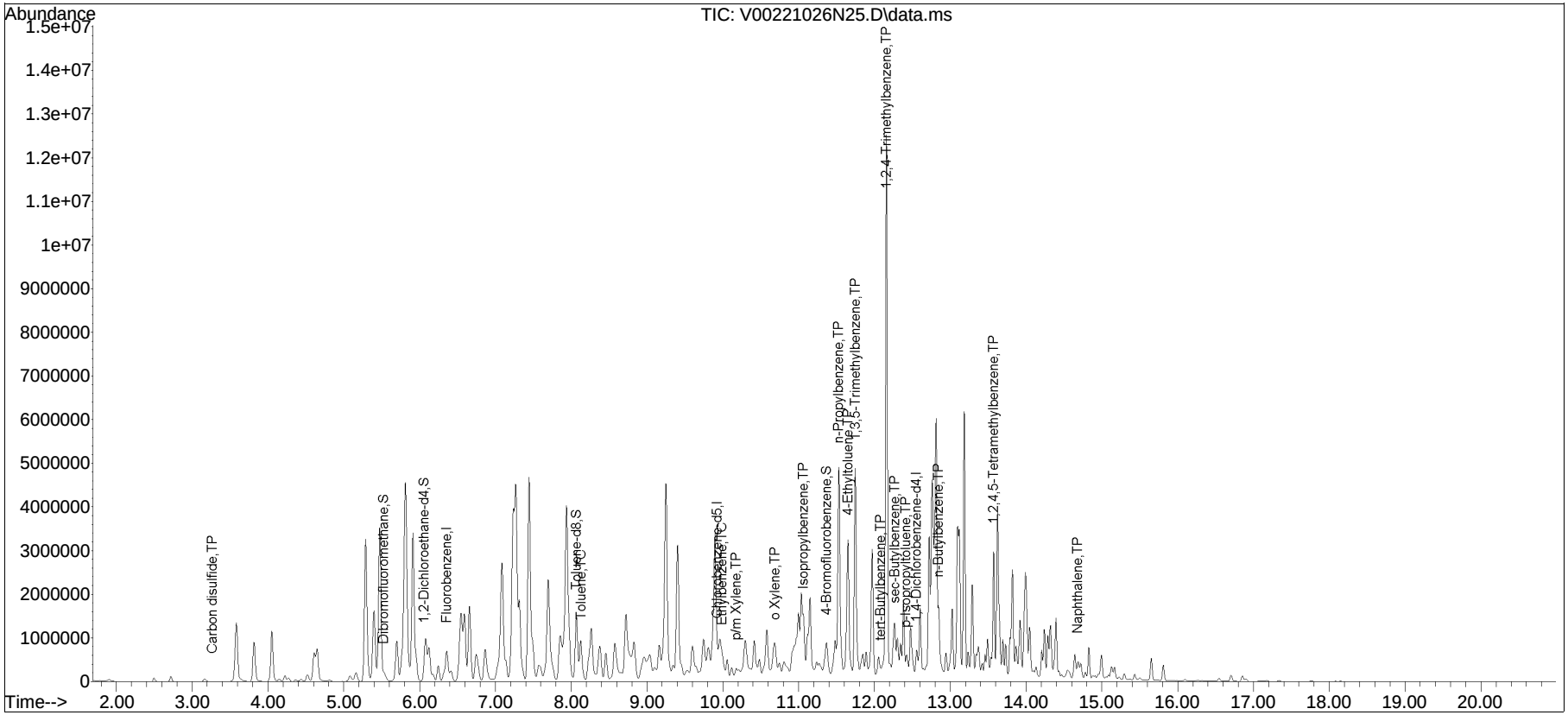
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA100\2022\221026N\
Data File : V00221026N25.D
Acq On : 27 Oct 2022 1:38 am
Operator : VOA100:JIC
Sample : l2259632-02d,31h,4.14,5,0.005,,a,r1c
Misc : WG1704796,ICAL19219
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 27 21:52:47 2022
Quant Method : I:\VOLATILES\VOA100\2022\221026N\V100_220802N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Aug 03 07:08:57 2022
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox21026N\V00221026N01.D•



JOB: L2260251 REPORT STYLE: Data Usability Report
0010: Alpha Analytical Report Cover Page - OK
0015: Sample Cross Reference Summary - OK
0060: Case Narrative - OK
0100: Volatiles Cover Page - OK
0110: Volatiles Sample Results - OK
0120: Volatiles Method Blank Report - OK
0130: Volatiles LCS Report - OK
0180: Semivolatiles Cover Page - OK
0190: Semivolatiles Sample Results - OK
0200: Semivolatiles Method Blank Report - OK
0210: Semivolatiles LCS Report - OK
1005: Metals Sample Results - OK
1010: Metals Method Blank Report - OK
1020: Metals LCS Report - OK
1040: Metals Matrix Spike Report - OK
1050: Metals Duplicate Report - OK
1060: Metals Serial Dilution Report - OK
1180: Inorganics Cover Page - OK
1200: Wet Chemistry Sample Results - OK
1250: Wet Chemistry Duplicate Report - OK
5100: Sample Receipt & Container Information Report - OK
5200: Glossary - OK
5400: References - OK

No results found for sample L2260251-06 for product AG-6020S
No results found for sample L2260251-06 for product AG-6020T
No results found for sample L2260251-06 for product AL-6020S
No results found for sample L2260251-06 for product AL-6020T
No results found for sample L2260251-06 for product AS-6020S
No results found for sample L2260251-06 for product AS-6020T
No results found for sample L2260251-06 for product BA-6020S
No results found for sample L2260251-06 for product BA-6020T
No results found for sample L2260251-06 for product BE-6020S
No results found for sample L2260251-06 for product BE-6020T
No results found for sample L2260251-06 for product CA-6020S
No results found for sample L2260251-06 for product CA-6020T
No results found for sample L2260251-06 for product CD-6020S
No results found for sample L2260251-06 for product CD-6020T
No results found for sample L2260251-06 for product CO-6020S
No results found for sample L2260251-06 for product CO-6020T
No results found for sample L2260251-06 for product CR-6020S
No results found for sample L2260251-06 for product CR-6020T
No results found for sample L2260251-06 for product CU-6020S

No results found for sample L2260251-06 for product CU-6020T
No results found for sample L2260251-06 for product FE-6020S
No results found for sample L2260251-06 for product FE-6020T
No results found for sample L2260251-06 for product HG-S
No results found for sample L2260251-06 for product HG-T
No results found for sample L2260251-06 for product K-6020S
No results found for sample L2260251-06 for product K-6020T
No results found for sample L2260251-06 for product MG-6020S
No results found for sample L2260251-06 for product MG-6020T
No results found for sample L2260251-06 for product MN-6020S
No results found for sample L2260251-06 for product MN-6020T
No results found for sample L2260251-06 for product NA-6020S
No results found for sample L2260251-06 for product NA-6020T
No results found for sample L2260251-06 for product NI-6020S
No results found for sample L2260251-06 for product NI-6020T
No results found for sample L2260251-06 for product NYTCL-8270-SIM-LVI
No results found for sample L2260251-06 for product PB-6020S
No results found for sample L2260251-06 for product PB-6020T
No results found for sample L2260251-06 for product SB-6020S
No results found for sample L2260251-06 for product SB-6020T
No results found for sample L2260251-06 for product SE-6020S
No results found for sample L2260251-06 for product SE-6020T
No results found for sample L2260251-06 for product TL-6020S
No results found for sample L2260251-06 for product TL-6020T
No results found for sample L2260251-06 for product V-6020S
No results found for sample L2260251-06 for product V-6020T
No results found for sample L2260251-06 for product ZN-6020S
No results found for sample L2260251-06 for product ZN-6020T
No results found for sample L2260251-07 for product NYTCL-8260

ANALYTICAL REPORT

Lab Number:	L2260251
Client:	Langan Engineering & Environmental 300 Kimball Drive 4th Floor Parsippany, NJ 07054
ATTN:	Lauren Kott
Phone:	(973) 560-4807
Project Name:	16-63 CODY AVENUE
Project Number:	101015501
Report Date:	11/01/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2260251-01	SB13_0.5-2.5	SOIL	QUEENS, NY	10/27/22 09:15	10/27/22
L2260251-02	SB13_7.5-9.5	SOIL	QUEENS, NY	10/27/22 09:00	10/27/22
L2260251-03	SB_DUP	SOIL	QUEENS, NY	10/27/22 09:22	10/27/22
L2260251-04	SB12_9-11	SOIL	QUEENS, NY	10/27/22 11:55	10/27/22
L2260251-05	SB12_15-17	SOIL	QUEENS, NY	10/27/22 13:30	10/27/22
L2260251-06	TWP11_20221027	WATER	QUEENS, NY	10/27/22 12:14	10/27/22
L2260251-07	20221027_TB	WATER	QUEENS, NY	10/27/22 00:00	10/27/22

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2260251
Project Number:	101015501	**Report Date:**	11/01/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2260251
Project Number:	101015501	**Report Date:**	11/01/22

Case Narrative (continued)

Report Submission

November 01, 2022: 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

L2260251-05: At the client's request, the sample was initially placed on hold.

Total Metals

L2260251-01 through -04: 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 WG1705465-3 MS recoveries for aluminum (455%), iron (307%), and manganese (9%), performed on L2260251-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1705465-3 MS recoveries, performed on L2260251-01, are outside the acceptance criteria for calcium (72%) and lead (132%). A post digestion spike was performed and was within acceptance criteria.

The WG1705465-4 Laboratory Duplicate RPDs for calcium (22%), copper (27%), manganese (41%) and zinc (22%), performed on L2260251-01, are outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

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: Cristin Walker

Title: Technical Director/Representative

Date: 11/01/22

ORGANICS

VOLATILES

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-01
Client ID: SB13_0.5-2.5
Sample Location: QUEENS, NY

Date Collected: 10/27/22 09:15
Date Received: 10/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/31/22 10:13
Analyst: NLK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.11	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.24	1
Tetrachloroethene	10		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-01 Date Collected: 10/27/22 09:15

Client ID: SB13_0.5-2.5 Date Received: 10/27/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.30	J	ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.92	0.27	1
Xylenes, Total	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.92	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	15		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
Vinyl acetate	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.0	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-01 Date Collected: 10/27/22 09:15

Client ID: SB13_0.5-2.5 Date Received: 10/27/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-02
Client ID: SB13_7.5-9.5
Sample Location: QUEENS, NY

Date Collected: 10/27/22 09:00
Date Received: 10/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/31/22 10:33
Analyst: NLK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	5.8		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-02 Date Collected: 10/27/22 09:00

Client ID: SB13_7.5-9.5 Date Received: 10/27/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.21	J	ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	5.7	J	ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-02 Date Collected: 10/27/22 09:00

Client ID: SB13_7.5-9.5 Date Received: 10/27/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-03
Client ID: SB_DUP
Sample Location: QUEENS, NY

Date Collected: 10/27/22 09:22
Date Received: 10/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/31/22 10:53
Analyst: NLK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.90	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.90	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.90	0.11	1
Dibromochloromethane	ND		ug/kg	0.90	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.90	0.24	1
Tetrachloroethene	5.5		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.62	1
1,2-Dichloroethane	ND		ug/kg	0.90	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.90	0.49	1
Ethylbenzene	ND		ug/kg	0.90	0.13	1
Chloromethane	ND		ug/kg	3.6	0.84	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.90	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.90	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-03 Date Collected: 10/27/22 09:22

Client ID: SB_DUP Date Received: 10/27/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.50	1
o-Xylene	ND		ug/kg	0.90	0.26	1
Xylenes, Total	ND		ug/kg	0.90	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.90	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.90	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.90	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.0	0.82	1
Acetone	12		ug/kg	9.0	4.3	1
Carbon disulfide	ND		ug/kg	9.0	4.1	1
2-Butanone	ND		ug/kg	9.0	2.0	1
Vinyl acetate	ND		ug/kg	9.0	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	9.0	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.90	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.90	0.15	1
sec-Butylbenzene	ND		ug/kg	0.90	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.10	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.90	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.90	0.10	1
Naphthalene	ND		ug/kg	3.6	0.58	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-03 Date Collected: 10/27/22 09:22

Client ID: SB_DUP Date Received: 10/27/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.90	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	72	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-04
Client ID: SB12_9-11
Sample Location: QUEENS, NY

Date Collected: 10/27/22 11:55
Date Received: 10/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/31/22 11:12
Analyst: NLK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	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	10		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	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	4.5	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	7.1		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	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	0.51	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: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-04 Date Collected: 10/27/22 11:55

Client ID: SB12_9-11 Date Received: 10/27/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	5.5		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		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	62		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	3.2	J	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	0.16	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	4.5	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	0.74	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-04 Date Collected: 10/27/22 11:55

Client ID: SB12_9-11 Date Received: 10/27/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.36	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	91	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	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	92		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-06 D
Client ID: TWP11_20221027
Sample Location: QUEENS, NY

Date Collected: 10/27/22 12:14
Date Received: 10/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/29/22 12:32
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	14		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	260		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	ND		ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	0.85	J	ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
1,3-Dichloropropene, Total	ND		ug/l	1.0	0.29	2
1,1-Dichloropropene	ND		ug/l	5.0	1.4	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	ND		ug/l	1.0	0.32	2
Toluene	1.4	J	ug/l	5.0	1.4	2
Ethylbenzene	ND		ug/l	5.0	1.4	2
Chloromethane	ND		ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	ND		ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-06 D Date Collected: 10/27/22 12:14

Client ID: TWP11_20221027 Date Received: 10/27/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	9.6		ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl tert butyl ether	ND		ug/l	5.0	1.4	2
p/m-Xylene	ND		ug/l	5.0	1.4	2
o-Xylene	ND		ug/l	5.0	1.4	2
Xylenes, Total	ND		ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	3.4	J	ug/l	5.0	1.4	2
1,2-Dichloroethene, Total	3.4	J	ug/l	5.0	1.4	2
Dibromomethane	ND		ug/l	10	2.0	2
1,2,3-Trichloropropane	ND		ug/l	5.0	1.4	2
Acrylonitrile	ND		ug/l	10	3.0	2
Styrene	ND		ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	73		ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	ND		ug/l	10	3.9	2
Vinyl acetate	ND		ug/l	10	2.0	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
2,2-Dichloropropane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
1,3-Dichloropropane	ND		ug/l	5.0	1.4	2
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	1.4	2
Bromobenzene	ND		ug/l	5.0	1.4	2
n-Butylbenzene	ND		ug/l	5.0	1.4	2
sec-Butylbenzene	ND		ug/l	5.0	1.4	2
tert-Butylbenzene	ND		ug/l	5.0	1.4	2
o-Chlorotoluene	ND		ug/l	5.0	1.4	2
p-Chlorotoluene	ND		ug/l	5.0	1.4	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Hexachlorobutadiene	ND		ug/l	5.0	1.4	2
Isopropylbenzene	ND		ug/l	5.0	1.4	2
p-Isopropyltoluene	ND		ug/l	5.0	1.4	2
Naphthalene	14		ug/l	5.0	1.4	2

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-06 D Date Collected: 10/27/22 12:14

Client ID: TWP11_20221027 Date Received: 10/27/22

Sample Location: QUEENS, 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	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,3,5-Trimethylbenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trimethylbenzene	ND		ug/l	5.0	1.4	2
1,4-Dioxane	ND		ug/l	500	120	2
p-Diethylbenzene	ND		ug/l	4.0	1.4	2
p-Ethyltoluene	ND		ug/l	4.0	1.4	2
1,2,4,5-Tetramethylbenzene	ND		ug/l	4.0	1.1	2
Ethyl ether	ND		ug/l	5.0	1.4	2
trans-1,4-Dichloro-2-butene	ND		ug/l	5.0	1.4	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	103		70-130

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/29/22 10:55
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1706232-5					
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: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/29/22 10:55
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1706232-5					
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: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/29/22 10:55
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1706232-5					
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	101		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	112		70-130

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/31/22 08:34
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1706253-5					
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: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/31/22 08:34
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1706253-5					
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: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/31/22 08:34
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1706253-5					
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	80	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	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1706232-3 WG1706232-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		98		63-132	2		20
1,2-Dichloropropane	98		97		70-130	1		20
Dibromochloromethane	78		82		63-130	5		20
1,1,2-Trichloroethane	84		90		70-130	7		20
Tetrachloroethene	98		95		70-130	3		20
Chlorobenzene	97		98		75-130	1		20
Trichlorofluoromethane	98		94		62-150	4		20
1,2-Dichloroethane	93		95		70-130	2		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	91		92		67-130	1		20
trans-1,3-Dichloropropene	77		79		70-130	3		20
cis-1,3-Dichloropropene	84		87		70-130	4		20
1,1-Dichloropropene	96		95		70-130	1		20
Bromoform	69		74		54-136	7		20
1,1,2,2-Tetrachloroethane	80		89		67-130	11		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	120		110		64-130	9		20
Bromomethane	60		62		39-139	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1706232-3 WG1706232-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	100		94		55-138	6		20
1,1-Dichloroethene	92		94		61-145	2		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	92		95		70-130	3		20
1,3-Dichlorobenzene	94		96		70-130	2		20
1,4-Dichlorobenzene	96		96		70-130	0		20
Methyl tert butyl ether	80		88		63-130	10		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	100		99		70-130	1		20
Dibromomethane	88		92		70-130	4		20
1,2,3-Trichloropropane	83		89		64-130	7		20
Acrylonitrile	96		100		70-130	4		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	110		100		36-147	10		20
Acetone	110		110		58-148	0		20
Carbon disulfide	73		71		51-130	3		20
2-Butanone	95		96		63-138	1		20
Vinyl acetate	82		86		70-130	5		20
4-Methyl-2-pentanone	74		89		59-130	18		20
2-Hexanone	89		100		57-130	12		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1706232-3 WG1706232-4								
Bromochloromethane	96		97		70-130	1		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	82		86		70-130	5		20
1,3-Dichloropropane	86		90		70-130	5		20
1,1,1,2-Tetrachloroethane	84		84		64-130	0		20
Bromobenzene	91		94		70-130	3		20
n-Butylbenzene	94		94		53-136	0		20
sec-Butylbenzene	95		96		70-130	1		20
tert-Butylbenzene	94		94		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	83		88		41-144	6		20
Hexachlorobutadiene	84		90		63-130	7		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	90		92		70-130	2		20
Naphthalene	80		86		70-130	7		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	83		87		70-130	5		20
1,2,4-Trichlorobenzene	84		87		70-130	4		20
1,3,5-Trimethylbenzene	98		99		64-130	1		20
1,2,4-Trimethylbenzene	97		97		70-130	0		20
1,4-Dioxane	118		124		56-162	5		20
p-Diethylbenzene	93		94		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1706232-3 WG1706232-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	94		94		70-130	0		20
Ethyl ether	75		80		59-134	6		20
trans-1,4-Dichloro-2-butene	86		95		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		101		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	109		112		70-130
Dibromofluoromethane	98		98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1706253-3 WG1706253-4								
Methylene chloride	93		94		70-130	1		30
1,1-Dichloroethane	94		96		70-130	2		30
Chloroform	93		92		70-130	1		30
Carbon tetrachloride	100		101		70-130	1		30
1,2-Dichloropropane	96		100		70-130	4		30
Dibromochloromethane	102		105		70-130	3		30
1,1,2-Trichloroethane	92		95		70-130	3		30
Tetrachloroethene	110		112		70-130	2		30
Chlorobenzene	98		101		70-130	3		30
Trichlorofluoromethane	100		103		70-139	3		30
1,2-Dichloroethane	92		95		70-130	3		30
1,1,1-Trichloroethane	93		94		70-130	1		30
Bromodichloromethane	90		94		70-130	4		30
trans-1,3-Dichloropropene	99		102		70-130	3		30
cis-1,3-Dichloropropene	100		105		70-130	5		30
1,1-Dichloropropene	105		108		70-130	3		30
Bromoform	100		102		70-130	2		30
1,1,2,2-Tetrachloroethane	90		94		70-130	4		30
Benzene	99		101		70-130	2		30
Toluene	96		97		70-130	1		30
Ethylbenzene	99		102		70-130	3		30
Chloromethane	86		86		52-130	0		30
Bromomethane	87		87		57-147	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1706253-3 WG1706253-4								
Vinyl chloride	97		97		67-130	0		30
Chloroethane	93		95		50-151	2		30
1,1-Dichloroethene	104		103		65-135	1		30
trans-1,2-Dichloroethene	93		95		70-130	2		30
Trichloroethene	99		102		70-130	3		30
1,2-Dichlorobenzene	97		101		70-130	4		30
1,3-Dichlorobenzene	99		103		70-130	4		30
1,4-Dichlorobenzene	98		103		70-130	5		30
Methyl tert butyl ether	98		101		66-130	3		30
p/m-Xylene	100		101		70-130	1		30
o-Xylene	99		101		70-130	2		30
cis-1,2-Dichloroethene	91		94		70-130	3		30
Dibromomethane	93		97		70-130	4		30
Styrene	100		103		70-130	3		30
Dichlorodifluoromethane	81		81		30-146	0		30
Acetone	87		90		54-140	3		30
Carbon disulfide	95		95		59-130	0		30
2-Butanone	84		86		70-130	2		30
Vinyl acetate	90		92		70-130	2		30
4-Methyl-2-pentanone	81		84		70-130	4		30
1,2,3-Trichloropropane	95		99		68-130	4		30
2-Hexanone	80		84		70-130	5		30
Bromochloromethane	98		100		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1706253-3 WG1706253-4								
2,2-Dichloropropane	102		100		70-130	2		30
1,2-Dibromoethane	101		104		70-130	3		30
1,3-Dichloropropane	97		102		69-130	5		30
1,1,1,2-Tetrachloroethane	105		109		70-130	4		30
Bromobenzene	95		100		70-130	5		30
n-Butylbenzene	99		103		70-130	4		30
sec-Butylbenzene	99		102		70-130	3		30
tert-Butylbenzene	99		103		70-130	4		30
o-Chlorotoluene	100		105		70-130	5		30
p-Chlorotoluene	98		101		70-130	3		30
1,2-Dibromo-3-chloropropane	96		98		68-130	2		30
Hexachlorobutadiene	97		101		67-130	4		30
Isopropylbenzene	99		104		70-130	5		30
p-Isopropyltoluene	100		103		70-130	3		30
Naphthalene	92		96		70-130	4		30
Acrylonitrile	89		90		70-130	1		30
n-Propylbenzene	100		103		70-130	3		30
1,2,3-Trichlorobenzene	96		100		70-130	4		30
1,2,4-Trichlorobenzene	100		104		70-130	4		30
1,3,5-Trimethylbenzene	99		102		70-130	3		30
1,2,4-Trimethylbenzene	98		101		70-130	3		30
1,4-Dioxane	104		102		65-136	2		30
p-Diethylbenzene	100		104		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1706253-3 WG1706253-4								
p-Ethyltoluene	99		102		70-130	3		30
1,2,4,5-Tetramethylbenzene	98		103		70-130	5		30
Ethyl ether	99		99		67-130	0		30
trans-1,4-Dichloro-2-butene	90		91		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		92		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	92		92		70-130

SEMIVOLATILES

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-01
Client ID: SB13_0.5-2.5
Sample Location: QUEENS, NY

Date Collected: 10/27/22 09:15
Date Received: 10/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/29/22 03:49
Analyst: CMM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/28/22 09:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	ND		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	ND		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: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-01 Date Collected: 10/27/22 09:15

Client ID: SB13_0.5-2.5 Date Received: 10/27/22

Sample Location: QUEENS, 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	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	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	ND		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	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	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: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-01 Date Collected: 10/27/22 09:15

Client ID: SB13_0.5-2.5 Date Received: 10/27/22

Sample Location: QUEENS, 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	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	60		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-02
Client ID: SB13_7.5-9.5
Sample Location: QUEENS, NY

Date Collected: 10/27/22 09:00
Date Received: 10/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/29/22 01:50
Analyst: CMM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/28/22 09:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	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	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	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	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	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	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-02 Date Collected: 10/27/22 09:00

Client ID: SB13_7.5-9.5 Date Received: 10/27/22

Sample Location: QUEENS, 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	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	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	75.	1
Dibenzofuran	ND		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	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	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	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-02 Date Collected: 10/27/22 09:00

Client ID: SB13_7.5-9.5 Date Received: 10/27/22

Sample Location: QUEENS, 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	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	57		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-03
Client ID: SB_DUP
Sample Location: QUEENS, NY

Date Collected: 10/27/22 09:22
Date Received: 10/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/29/22 01:27
Analyst: CMM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/28/22 09:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-03 Date Collected: 10/27/22 09:22

Client ID: SB_DUP Date Received: 10/27/22

Sample Location: QUEENS, 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	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-03 Date Collected: 10/27/22 09:22

Client ID: SB_DUP Date Received: 10/27/22

Sample Location: QUEENS, 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	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	64		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-04
Client ID: SB12_9-11
Sample Location: QUEENS, NY

Date Collected: 10/27/22 11:55
Date Received: 10/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/29/22 02:14
Analyst: CMM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/28/22 09:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	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	ND		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	220	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	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	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	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-04 Date Collected: 10/27/22 11:55

Client ID: SB12_9-11 Date Received: 10/27/22

Sample Location: QUEENS, 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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	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	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-04 Date Collected: 10/27/22 11:55

Client ID: SB12_9-11 Date Received: 10/27/22

Sample Location: QUEENS, 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	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	64		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-06
Client ID: TWP11_20221027
Sample Location: QUEENS, NY

Date Collected: 10/27/22 12:14
Date Received: 10/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/30/22 19:07
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/29/22 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.1	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	0.46	J	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	2.2		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: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-06 Date Collected: 10/27/22 12:14

Client ID: TWP11_20221027 Date Received: 10/27/22

Sample Location: QUEENS, 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	1.2	J	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	66		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	105		10-120
4-Terphenyl-d14	57		41-149

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/27/22 22:06
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/27/22 10:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1704903-1					
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	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	98	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	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	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	41.
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: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/27/22 22:06
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/27/22 10:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1704903-1					
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	28.
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	21.
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	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	62.

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/27/22 22:06
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/27/22 10:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1704903-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
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	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	63		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/30/22 13:09
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/29/22 21:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1705842-1					
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: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/30/22 13:09
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/29/22 21:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1705842-1					
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: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/30/22 13:09
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/29/22 21:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1705842-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	82		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1704903-2 WG1704903-3								
Acenaphthene	73		78		31-137	7		50
1,2,4-Trichlorobenzene	68		68		38-107	0		50
Hexachlorobenzene	70		73		40-140	4		50
Bis(2-chloroethyl)ether	76		76		40-140	0		50
2-Chloronaphthalene	70		72		40-140	3		50
1,2-Dichlorobenzene	69		69		40-140	0		50
1,3-Dichlorobenzene	69		70		40-140	1		50
1,4-Dichlorobenzene	66		67		28-104	2		50
3,3'-Dichlorobenzidine	63		66		40-140	5		50
2,4-Dinitrotoluene	83		88		40-132	6		50
2,6-Dinitrotoluene	73		79		40-140	8		50
Fluoranthene	70		74		40-140	6		50
4-Chlorophenyl phenyl ether	72		75		40-140	4		50
4-Bromophenyl phenyl ether	72		74		40-140	3		50
Bis(2-chloroisopropyl)ether	95		96		40-140	1		50
Bis(2-chloroethoxy)methane	78		79		40-117	1		50
Hexachlorobutadiene	65		68		40-140	5		50
Hexachlorocyclopentadiene	55		59		40-140	7		50
Hexachloroethane	71		75		40-140	5		50
Isophorone	71		74		40-140	4		50
Naphthalene	69		72		40-140	4		50
Nitrobenzene	78		79		40-140	1		50
NDPA/DPA	75		78		36-157	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1704903-2 WG1704903-3								
n-Nitrosodi-n-propylamine	75		78		32-121	4		50
Bis(2-ethylhexyl)phthalate	84		90		40-140	7		50
Butyl benzyl phthalate	80		84		40-140	5		50
Di-n-butylphthalate	77		81		40-140	5		50
Di-n-octylphthalate	87		90		40-140	3		50
Diethyl phthalate	76		80		40-140	5		50
Dimethyl phthalate	68		74		40-140	8		50
Benzo(a)anthracene	75		78		40-140	4		50
Benzo(a)pyrene	76		78		40-140	3		50
Benzo(b)fluoranthene	74		78		40-140	5		50
Benzo(k)fluoranthene	75		81		40-140	8		50
Chrysene	74		76		40-140	3		50
Acenaphthylene	68		73		40-140	7		50
Anthracene	72		75		40-140	4		50
Benzo(ghi)perylene	67		74		40-140	10		50
Fluorene	76		78		40-140	3		50
Phenanthrene	70		74		40-140	6		50
Dibenzo(a,h)anthracene	67		75		40-140	11		50
Indeno(1,2,3-cd)pyrene	75		82		40-140	9		50
Pyrene	71		74		35-142	4		50
Biphenyl	67		72		37-127	7		50
4-Chloroaniline	72		65		40-140	10		50
2-Nitroaniline	77		82		47-134	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1704903-2 WG1704903-3								
3-Nitroaniline	67		68		26-129	1		50
4-Nitroaniline	80		83		41-125	4		50
Dibenzofuran	74		79		40-140	7		50
2-Methylnaphthalene	70		71		40-140	1		50
1,2,4,5-Tetrachlorobenzene	67		71		40-117	6		50
Acetophenone	69		72		14-144	4		50
2,4,6-Trichlorophenol	70		75		30-130	7		50
p-Chloro-m-cresol	77		81		26-103	5		50
2-Chlorophenol	75		76		25-102	1		50
2,4-Dichlorophenol	74		76		30-130	3		50
2,4-Dimethylphenol	76		76		30-130	0		50
2-Nitrophenol	80		82		30-130	2		50
4-Nitrophenol	77		82		11-114	6		50
2,4-Dinitrophenol	88		92		4-130	4		50
4,6-Dinitro-o-cresol	96		100		10-130	4		50
Pentachlorophenol	62		67		17-109	8		50
Phenol	80		82		26-90	2		50
2-Methylphenol	77		77		30-130.	0		50
3-Methylphenol/4-Methylphenol	75		77		30-130	3		50
2,4,5-Trichlorophenol	73		78		30-130	7		50
Benzoic Acid	56		56		10-110	0		50
Benzyl Alcohol	77		77		40-140	0		50
Carbazole	73		76		54-128	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1704903-2 WG1704903-3								
1,4-Dioxane	44		42		40-140	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		76		25-120
Phenol-d6	84		85		10-120
Nitrobenzene-d5	82		83		23-120
2-Fluorobiphenyl	68		72		30-120
2,4,6-Tribromophenol	73		75		10-136
4-Terphenyl-d14	67		70		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1705842-2 WG1705842-3								
Acenaphthene	80		74		37-111	8		30
1,2,4-Trichlorobenzene	82		78		39-98	5		30
Hexachlorobenzene	98		87		40-140	12		30
Bis(2-chloroethyl)ether	65		59		40-140	10		30
2-Chloronaphthalene	84		78		40-140	7		30
1,2-Dichlorobenzene	72		67		40-140	7		30
1,3-Dichlorobenzene	70		64		40-140	9		30
1,4-Dichlorobenzene	71		65		36-97	9		30
3,3'-Dichlorobenzidine	71		70		40-140	1		30
2,4-Dinitrotoluene	92		81		48-143	13		30
2,6-Dinitrotoluene	91		84		40-140	8		30
Fluoranthene	86		79		40-140	8		30
4-Chlorophenyl phenyl ether	97		88		40-140	10		30
4-Bromophenyl phenyl ether	100		89		40-140	12		30
Bis(2-chloroisopropyl)ether	60		55		40-140	9		30
Bis(2-chloroethoxy)methane	69		64		40-140	8		30
Hexachlorobutadiene	87		78		40-140	11		30
Hexachlorocyclopentadiene	87		84		40-140	4		30
Hexachloroethane	63		61		40-140	3		30
Isophorone	72		66		40-140	9		30
Naphthalene	72		68		40-140	6		30
Nitrobenzene	68		64		40-140	6		30
NDPA/DPA	91		81		40-140	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1705842-2 WG1705842-3								
n-Nitrosodi-n-propylamine	64		64		29-132	0		30
Bis(2-ethylhexyl)phthalate	89		81		40-140	9		30
Butyl benzyl phthalate	86		79		40-140	8		30
Di-n-butylphthalate	87		80		40-140	8		30
Di-n-octylphthalate	91		84		40-140	8		30
Diethyl phthalate	87		81		40-140	7		30
Dimethyl phthalate	84		81		40-140	4		30
Benzo(a)anthracene	94		85		40-140	10		30
Benzo(a)pyrene	95		86		40-140	10		30
Benzo(b)fluoranthene	90		83		40-140	8		30
Benzo(k)fluoranthene	92		83		40-140	10		30
Chrysene	87		79		40-140	10		30
Acenaphthylene	86		79		45-123	8		30
Anthracene	82		76		40-140	8		30
Benzo(ghi)perylene	82		72		40-140	13		30
Fluorene	88		81		40-140	8		30
Phenanthrene	78		71		40-140	9		30
Dibenzo(a,h)anthracene	85		76		40-140	11		30
Indeno(1,2,3-cd)pyrene	99		89		40-140	11		30
Pyrene	86		78		26-127	10		30
Biphenyl	83		78		40-140	6		30
4-Chloroaniline	67		62		40-140	8		30
2-Nitroaniline	86		80		52-143	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1705842-2 WG1705842-3								
3-Nitroaniline	76		72		25-145	5		30
4-Nitroaniline	86		77		51-143	11		30
Dibenzofuran	88		78		40-140	12		30
2-Methylnaphthalene	81		77		40-140	5		30
1,2,4,5-Tetrachlorobenzene	101		92		2-134	9		30
Acetophenone	72		70		39-129	3		30
2,4,6-Trichlorophenol	98		91		30-130	7		30
p-Chloro-m-cresol	86		76		23-97	12		30
2-Chlorophenol	74		70		27-123	6		30
2,4-Dichlorophenol	89		84		30-130	6		30
2,4-Dimethylphenol	74		61		30-130	19		30
2-Nitrophenol	79		73		30-130	8		30
4-Nitrophenol	67		56		10-80	18		30
2,4-Dinitrophenol	91		86		20-130	6		30
4,6-Dinitro-o-cresol	97		92		20-164	5		30
Pentachlorophenol	88		89		9-103	1		30
Phenol	53		47		12-110	12		30
2-Methylphenol	70		68		30-130	3		30
3-Methylphenol/4-Methylphenol	72		63		30-130	13		30
2,4,5-Trichlorophenol	104		92		30-130	12		30
Benzoic Acid	59		75		10-164	24		30
Benzyl Alcohol	67		64		26-116	5		30
Carbazole	83		77		55-144	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1705842-2 WG1705842-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		58		21-120
Phenol-d6	50		49		10-120
Nitrobenzene-d5	70		68		23-120
2-Fluorobiphenyl	89		79		15-120
2,4,6-Tribromophenol	112		102		10-120
4-Terphenyl-d14	90		83		41-149

METALS

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-01
Client ID: SB13_0.5-2.5
Sample Location: QUEENS, NY

Date Collected: 10/27/22 09:15
Date Received: 10/27/22
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	5180		mg/kg	8.69	2.35	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Antimony, Total	ND		mg/kg	4.34	0.330	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Arsenic, Total	3.55		mg/kg	0.869	0.181	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Barium, Total	40.1		mg/kg	0.869	0.151	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Beryllium, Total	0.252	J	mg/kg	0.434	0.029	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Cadmium, Total	0.269	J	mg/kg	0.869	0.085	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Calcium, Total	1390		mg/kg	8.69	3.04	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Chromium, Total	10.7		mg/kg	0.869	0.083	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Cobalt, Total	3.38		mg/kg	1.74	0.144	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Copper, Total	14.1		mg/kg	0.869	0.224	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Iron, Total	9510		mg/kg	4.34	0.785	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Lead, Total	85.6		mg/kg	4.34	0.233	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Magnesium, Total	1200		mg/kg	8.69	1.34	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Manganese, Total	233		mg/kg	0.869	0.138	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Mercury, Total	0.092		mg/kg	0.073	0.048	1	10/29/22 00:10	10/29/22 12:28	EPA 7471B	1,7471B	DJR
Nickel, Total	6.52		mg/kg	2.17	0.210	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Potassium, Total	372		mg/kg	217	12.5	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Selenium, Total	ND		mg/kg	1.74	0.224	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Silver, Total	ND		mg/kg	0.434	0.246	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Sodium, Total	81.1	J	mg/kg	174	2.74	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Thallium, Total	ND		mg/kg	1.74	0.274	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Vanadium, Total	14.8		mg/kg	0.869	0.176	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB
Zinc, Total	42.2		mg/kg	4.34	0.254	2	10/28/22 23:27	10/31/22 12:05	EPA 3050B	1,6010D	NB

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-02
Client ID: SB13_7.5-9.5
Sample Location: QUEENS, NY

Date Collected: 10/27/22 09:00
Date Received: 10/27/22
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	3430		mg/kg	8.74	2.36	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Antimony, Total	ND		mg/kg	4.37	0.332	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Arsenic, Total	2.00		mg/kg	0.874	0.182	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Barium, Total	20.7		mg/kg	0.874	0.152	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Beryllium, Total	0.166	J	mg/kg	0.437	0.029	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Cadmium, Total	0.122	J	mg/kg	0.874	0.086	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Calcium, Total	920		mg/kg	8.74	3.06	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Chromium, Total	7.84		mg/kg	0.874	0.084	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Cobalt, Total	3.09		mg/kg	1.75	0.145	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Copper, Total	6.64		mg/kg	0.874	0.226	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Iron, Total	8080		mg/kg	4.37	0.790	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Lead, Total	4.93		mg/kg	4.37	0.234	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Magnesium, Total	1060		mg/kg	8.74	1.35	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Manganese, Total	157		mg/kg	0.874	0.139	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Mercury, Total	ND		mg/kg	0.075	0.049	1	10/29/22 00:10	10/29/22 12:32	EPA 7471B	1,7471B	DJR
Nickel, Total	5.72		mg/kg	2.19	0.212	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Potassium, Total	238		mg/kg	219	12.6	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Selenium, Total	ND		mg/kg	1.75	0.226	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Silver, Total	ND		mg/kg	0.437	0.248	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Sodium, Total	61.3	J	mg/kg	175	2.75	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Thallium, Total	ND		mg/kg	1.75	0.275	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Vanadium, Total	13.0		mg/kg	0.874	0.178	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB
Zinc, Total	13.1		mg/kg	4.37	0.256	2	10/28/22 23:27	10/31/22 12:44	EPA 3050B	1,6010D	NB

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-03
Client ID: SB_DUP
Sample Location: QUEENS, NY
Date Collected: 10/27/22 09:22
Date Received: 10/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4710		mg/kg	8.54	2.30	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Antimony, Total	ND		mg/kg	4.27	0.324	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Arsenic, Total	1.62		mg/kg	0.854	0.178	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Barium, Total	21.2		mg/kg	0.854	0.148	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Beryllium, Total	0.171	J	mg/kg	0.427	0.028	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Cadmium, Total	0.162	J	mg/kg	0.854	0.084	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Calcium, Total	900		mg/kg	8.54	2.99	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Chromium, Total	12.8		mg/kg	0.854	0.082	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Cobalt, Total	5.06		mg/kg	1.71	0.142	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Copper, Total	9.25		mg/kg	0.854	0.220	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Iron, Total	10900		mg/kg	4.27	0.771	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Lead, Total	5.17		mg/kg	4.27	0.229	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Magnesium, Total	1540		mg/kg	8.54	1.31	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Manganese, Total	182		mg/kg	0.854	0.136	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Mercury, Total	ND		mg/kg	0.074	0.048	1	10/29/22 00:10	10/29/22 12:35	EPA 7471B	1,7471B	DJR
Nickel, Total	7.98		mg/kg	2.13	0.206	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Potassium, Total	477		mg/kg	213	12.3	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Selenium, Total	ND		mg/kg	1.71	0.220	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Silver, Total	ND		mg/kg	0.427	0.242	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Sodium, Total	89.6	J	mg/kg	171	2.69	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Thallium, Total	ND		mg/kg	1.71	0.269	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Vanadium, Total	18.1		mg/kg	0.854	0.173	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB
Zinc, Total	22.3		mg/kg	4.27	0.250	2	10/28/22 23:27	10/31/22 12:49	EPA 3050B	1,6010D	NB

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-04
Client ID: SB12_9-11
Sample Location: QUEENS, NY
Date Collected: 10/27/22 11:55
Date Received: 10/27/22
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	8170		mg/kg	8.96	2.42	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Antimony, Total	ND		mg/kg	4.48	0.341	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Arsenic, Total	2.78		mg/kg	0.896	0.186	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Barium, Total	16.8		mg/kg	0.896	0.156	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Beryllium, Total	0.269	J	mg/kg	0.448	0.030	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Cadmium, Total	0.179	J	mg/kg	0.896	0.088	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Calcium, Total	1280		mg/kg	8.96	3.14	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Chromium, Total	23.9		mg/kg	0.896	0.086	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Cobalt, Total	4.42		mg/kg	1.79	0.149	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Copper, Total	8.80		mg/kg	0.896	0.231	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Iron, Total	13600		mg/kg	4.48	0.809	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Lead, Total	7.18		mg/kg	4.48	0.240	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Magnesium, Total	1770		mg/kg	8.96	1.38	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Manganese, Total	162		mg/kg	0.896	0.142	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Mercury, Total	ND		mg/kg	0.076	0.050	1	10/29/22 00:10	10/29/22 12:38	EPA 7471B	1,7471B	DJR
Nickel, Total	12.0		mg/kg	2.24	0.217	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Potassium, Total	459		mg/kg	224	12.9	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Selenium, Total	ND		mg/kg	1.79	0.231	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Silver, Total	ND		mg/kg	0.448	0.254	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Sodium, Total	83.8	J	mg/kg	179	2.82	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Thallium, Total	ND		mg/kg	1.79	0.282	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Vanadium, Total	21.2		mg/kg	0.896	0.182	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB
Zinc, Total	25.0		mg/kg	4.48	0.263	2	10/28/22 23:27	10/31/22 12:54	EPA 3050B	1,6010D	NB

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

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): 01-04 Batch: WG1705465-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Barium, Total	ND		mg/kg	0.400	0.070	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Copper, Total	ND		mg/kg	0.400	0.103	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Iron, Total	ND		mg/kg	2.00	0.361	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Lead, Total	ND		mg/kg	2.00	0.107	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Manganese, Total	ND		mg/kg	0.400	0.064	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Potassium, Total	ND		mg/kg	100	5.76	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Silver, Total	ND		mg/kg	0.200	0.113	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Sodium, Total	ND		mg/kg	80.0	1.26	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/28/22 23:27	10/31/22 11:39	1,6010D	NB

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): 01-04 Batch: WG1705468-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/29/22 00:10	10/29/22 11:49	1,7471B	DJR

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260251

Project Number: 101015501 **Report Date:** 11/01/22

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1705465-2 SRM Lot Number: D113-540								
Aluminum, Total	66		-		51-149	-		
Antimony, Total	143		-		20-250	-		
Arsenic, Total	96		-		70-130	-		
Barium, Total	91		-		75-125	-		
Beryllium, Total	114		-		75-125	-		
Cadmium, Total	101		-		75-125	-		
Calcium, Total	91		-		73-128	-		
Chromium, Total	98		-		70-130	-		
Cobalt, Total	97		-		75-125	-		
Copper, Total	89		-		75-125	-		
Iron, Total	90		-		36-164	-		
Lead, Total	88		-		72-128	-		
Magnesium, Total	87		-		63-138	-		
Manganese, Total	93		-		77-123	-		
Nickel, Total	96		-		70-130	-		
Potassium, Total	84		-		59-141	-		
Selenium, Total	99		-		66-134	-		
Silver, Total	91		-		70-131	-		
Sodium, Total	95		-		35-164	-		
Thallium, Total	99		-		70-130	-		
Vanadium, Total	94		-		74-126	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1705465-2 SRM Lot Number: D113-540					
Zinc, Total	91	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1705468-2 SRM Lot Number: D113-540					
Mercury, Total	86	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

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): 01-04 QC Batch ID: WG1705465-3 QC Sample: L2260251-01 Client ID: SB13_0.5-2.5												
Aluminum, Total	5180	176	5980	**455**	Q	-	-		75-125	-		20
Antimony, Total	ND	44	34.9	79		-	-		75-125	-		20
Arsenic, Total	3.55	10.6	13.6	95		-	-		75-125	-		20
Barium, Total	40.1	176	188	84		-	-		75-125	-		20
Beryllium, Total	0.252J	4.4	4.08	93		-	-		75-125	-		20
Cadmium, Total	0.269J	4.66	4.36	94		-	-		75-125	-		20
Calcium, Total	1390	879	2020	**72**	Q	-	-		75-125	-		20
Chromium, Total	10.7	17.6	29.1	105		-	-		75-125	-		20
Cobalt, Total	3.38	44	38.0	79		-	-		75-125	-		20
Copper, Total	14.1	22	30.8	76		-	-		75-125	-		20
Iron, Total	9510	87.9	9780	**307**	Q	-	-		75-125	-		20
Lead, Total	85.6	46.6	147	**132**	Q	-	-		75-125	-		20
Magnesium, Total	1200	879	2000	91		-	-		75-125	-		20
Manganese, Total	233	44	237	**9**	Q	-	-		75-125	-		20
Nickel, Total	6.52	44	41.7	80		-	-		75-125	-		20
Potassium, Total	372	879	1130	86		-	-		75-125	-		20
Selenium, Total	ND	10.6	9.28	88		-	-		75-125	-		20
Silver, Total	ND	26.4	23.1	88		-	-		75-125	-		20
Sodium, Total	81.1J	879	840	96		-	-		75-125	-		20
Thallium, Total	ND	10.6	8.15	77		-	-		75-125	-		20
Vanadium, Total	14.8	44	53.1	87		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

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: WG1705465-3 QC Sample: L2260251-01 Client ID: SB13_0.5-2.5									
Zinc, Total	42.2	44	81.0	88	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1705468-3 QC Sample: L2257711-06 Client ID: MS Sample									
Mercury, Total	0.163	1.54	1.74	102	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 16-63 CODY AVENUE

Project Number: 101015501

Lab Number: L2260251

Report Date: 11/01/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1705465-4 QC Sample: L2260251-01 Client ID: SB13_0.5-2.5						
Aluminum, Total	5180	5260	mg/kg	2		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	3.55	3.11	mg/kg	13		20
Barium, Total	40.1	34.7	mg/kg	14		20
Beryllium, Total	0.252J	0.236J	mg/kg	NC		20
Cadmium, Total	0.269J	0.236J	mg/kg	NC		20
Calcium, Total	1390	1110	mg/kg	**22**	Q	20
Chromium, Total	10.7	11.4	mg/kg	6		20
Cobalt, Total	3.38	3.28	mg/kg	3		20
Copper, Total	14.1	10.7	mg/kg	**27**	Q	20
Iron, Total	9510	8810	mg/kg	8		20
Lead, Total	85.6	75.4	mg/kg	13		20
Magnesium, Total	1200	1030	mg/kg	15		20
Manganese, Total	233	154	mg/kg	**41**	Q	20
Nickel, Total	6.52	6.44	mg/kg	1		20
Potassium, Total	372	344	mg/kg	8		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	81.1J	70.9J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 16-63 CODY AVENUE

Project Number: 101015501

Lab Number: L2260251

Report Date: 11/01/22

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1705465-4 QC Sample: L2260251-01 Client ID: SB13_0.5-2.5						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	14.8	14.4	mg/kg	3		20
Zinc, Total	42.2	34.0	mg/kg	**22**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1705468-4 QC Sample: L2257711-06 Client ID: DUP Sample						
Mercury, Total	0.163	0.185	mg/kg	13		20

Lab Serial Dilution Analysis

Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1705465-6 QC Sample: L2260251-01 Client ID: SB13_0.5-2.5						
Aluminum, Total	5180	5930	mg/kg	14		20
Barium, Total	40.1	46.1	mg/kg	15		20
Calcium, Total	1390	1610	mg/kg	16		20
Iron, Total	9510	11000	mg/kg	16		20
Magnesium, Total	1200	1420	mg/kg	18		20
Manganese, Total	233	271	mg/kg	16		20

INORGANICS
&
MISCELLANEOUS

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-01
Client ID: SB13_0.5-2.5
Sample Location: QUEENS, NY

Date Collected: 10/27/22 09:15
Date Received: 10/27/22
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	89.7		%	0.100	NA	1	-	10/28/22 09:31	121,2540G	RI

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-02
Client ID: SB13_7.5-9.5
Sample Location: QUEENS, NY

Date Collected: 10/27/22 09:00
Date Received: 10/27/22
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	89.4		%	0.100	NA	1	-	10/28/22 09:31	121,2540G	RI

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-03
Client ID: SB_DUP
Sample Location: QUEENS, NY

Date Collected: 10/27/22 09:22
Date Received: 10/27/22
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	91.6		%	0.100	NA	1	-	10/28/22 09:31	121,2540G	RI

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

SAMPLE RESULTS

Lab ID: L2260251-04
Client ID: SB12_9-11
Sample Location: QUEENS, NY

Date Collected: 10/27/22 11:55
Date Received: 10/27/22
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	88.4		%	0.100	NA	1	-	10/28/22 09:31	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 16-63 CODY AVENUE

Project Number: 101015501

Lab Number: L2260251

Report Date: 11/01/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1705292-1 QC Sample: L2260381-01 Client ID: DUP Sample						
Solids, Total	97.0	97.0	%	0		20

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

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(*)
L2260251-01A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2260251-01B	Vial water preserved	A	NA		2.6	Y	Absent	28-OCT-22 07:21	NYTCL-8260HLW(14)
L2260251-01C	Vial water preserved	A	NA		2.6	Y	Absent	28-OCT-22 07:21	NYTCL-8260HLW(14)
L2260251-01D	Plastic 120ml unpreserved	A	NA		2.6	Y	Absent		TS(7)
L2260251-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-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),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2260251-01F	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14)
L2260251-02A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2260251-02B	Vial water preserved	A	NA		2.6	Y	Absent	28-OCT-22 07:21	NYTCL-8260HLW(14)
L2260251-02C	Vial water preserved	A	NA		2.6	Y	Absent	28-OCT-22 07:21	NYTCL-8260HLW(14)
L2260251-02D	Plastic 120ml unpreserved	A	NA		2.6	Y	Absent		TS(7)
L2260251-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2260251-02F	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14)
L2260251-03A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2260251-03B	Vial water preserved	A	NA		2.6	Y	Absent	28-OCT-22 07:21	NYTCL-8260HLW(14)
L2260251-03C	Vial water preserved	A	NA		2.6	Y	Absent	28-OCT-22 07:21	NYTCL-8260HLW(14)
L2260251-03D	Plastic 120ml unpreserved	A	NA		2.6	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2260251-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2260251-03F	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14)
L2260251-04A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2260251-04B	Vial water preserved	A	NA		2.6	Y	Absent	28-OCT-22 07:21	NYTCL-8260HLW(14)
L2260251-04C	Vial water preserved	A	NA		2.6	Y	Absent	28-OCT-22 07:21	NYTCL-8260HLW(14)
L2260251-04D	Plastic 120ml unpreserved	A	NA		2.6	Y	Absent		TS(7)
L2260251-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2260251-04F	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14)
L2260251-05A	Vial MeOH preserved	A	NA		2.6	Y	Absent		HOLD-8260HLW(14)
L2260251-05B	Vial water preserved	A	NA		2.6	Y	Absent	28-OCT-22 07:21	HOLD-8260HLW(14)
L2260251-05C	Vial water preserved	A	NA		2.6	Y	Absent	28-OCT-22 07:21	HOLD-8260HLW(14)
L2260251-05D	Plastic 120ml unpreserved	A	NA		2.6	Y	Absent		HOLD-WETCHEM()
L2260251-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		HOLD-METAL(180)
L2260251-05F	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		HOLD-8270(14)
L2260251-06A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2260251-06B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2260251-06C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2260251-06D	Plastic 250ml unpreserved	A	7	7	2.6	Y	Absent		-
L2260251-06E	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		TL-6020T(180),FE-6020T(180),BA-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),AG-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260251
Report Date: 11/01/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2260251-06F	Amber 250ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2260251-06G	Amber 250ml unpreserved	A	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2260251-06W	Plastic 120ml HNO3 preserved Filtrates	A	NA	NA	2.6	Y	Absent		K-6020S(180),SE-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),ZN-6020S(180),MG-6020S(180),BE-6020S(180),CO-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),PB-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),HG-S(28),CD-6020S(180)
L2260251-07A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2260251-07B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2260251
Project Number:	101015501	**Report Date:**	11/01/22

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2260251
Project Number:	101015501	**Report Date:**	11/01/22

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.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2260251
Project Number:	101015501	**Report Date:**	11/01/22

Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2260251
Project Number:	101015501	**Report Date:**	11/01/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL LABORATORIES

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 1

Date Rec'd in Lab: 10/27/22

ALPHA Job #: L2260251

Client Information

Client: LANGAN
Address: 300 KIMBALL DR
PARSIPPANY NJ
Phone: 973-560-4500
Fax: —
Email: lkotter@langan.com

Project Information

Project Name: 16-63 CODY AVENUE
Project Location: QUEENS, NY
Project #: 10101 5501
(Use Project name as Project #) ☐
Project Manager: LAUREN KOTT, BEN RAO
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☑ # of Days: 3 Day TAT for VOCs 5-7 Day for remainder

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other NJ REDUCED

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:

VOC Analysis Required on RUSH 3-day TAT, DOES NOT INCLUDE TB
SVOC & Metals analysis on Standard 5-7 Day TAT

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☑ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	* VOCs	SVOCs	Metals	Dissolved Metals					Sample Specific Comments	Total Bottle
60251-01	SB13_0.5-2.5	10/27/22	915	S	SH	X	X	X						* VOC analysis	6
-02	SB13_7.5-9.5		900	S	SH	X	X	X						requested on 3-day	6
-03	SB_DUP		922	S	SH	X	X	X						rush TAT (SOIL & GW)	6
-04	SB12_9-11		1155	S	SH	X	X	X						* Trip Blank VOC	6
-05	SB12_15-17		1330	S	SH	X	X	X						analysis not on	6
-06	TWP11_20221027		1214	GW	MY	X	X	X	X					Rush TAT	7
-07	20221027_TB		—	AQ	SH	X									2

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	V	A/G	P/G	P					
Preservative	B	A	A	C					

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible] (Langan)	10/27/22 14:35	[illegible]	10/27/22 14:35
[illegible]	10/27/22 18:45	[illegible]	10/27/22 19:30
[illegible]	10/27/22 21:45	[illegible]	10/27/22 21:45
[illegible]	10/27/22 23:40	[illegible]	10/27/22 23:40

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:	L2260690
Client:	Langan Engineering & Environmental 300 Kimball Drive 4th Floor Parsippany, NJ 07054
ATTN:	Lauren Kott
Phone:	(973) 560-4807
Project Name:	16-63 CODY AVENUE
Project Number:	101015501
Report Date:	11/03/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2260690-01	TWP07_20221028	WATER	QUEENS, NY	10/28/22 12:30	10/28/22
L2260690-02	TWP10_20221028	WATER	QUEENS, NY	10/28/22 14:30	10/28/22
L2260690-03	TWP_DUP	WATER	QUEENS, NY	10/28/22 14:40	10/28/22
L2260690-04	SB12_23-25	SOIL	QUEENS, NY	10/28/22 10:28	10/28/22
L2260690-05	20221028_FB	WATER	QUEENS, NY	10/28/22 14:40	10/28/22
L2260690-06	20221028_TB	WATER	QUEENS, NY	10/28/22 00:00	10/28/22

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2260690
Project Number:	101015501	**Report Date:**	11/03/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2260690
Project Number:	101015501	**Report Date:**	11/03/22

Case Narrative (continued)

Report Submission

November 03, 2022: This final report includes the results of all requested analyses.

November 01, 2022: 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

L2260690-04: The collection date and time on the chain of custody was 28-OCT-22 10:28; however, the collection date/time on the container label was 28-OCT-22 09:08. At the client's request, the collection date/time is reported as 28-OCT-22 10:28.

Volatile Organics

L2260690-04D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2260690-04D: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (235%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

Semivolatile Organics

L2260690-02 and -03: The sample has elevated detection limits due to limited sample volume available for analysis.

Semivolatile Organics by SIM

L2260690-02 and -03: The sample has elevated detection limits due to limited sample volume available for analysis.

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2260690
Project Number:	101015501	**Report Date:**	11/03/22

Case Narrative (continued)

Total Metals

L2260690-04: 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.

L2260690-05: The Field Blank has a concentration above the reporting limit for sodium. The result was confirmed.

The WG1705919-1 Method Blank, associated with L2260690-04, has a concentration above the reporting limit for calcium. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

Dissolved Metals

L2260690-05: The Field Blank has a concentration above the reporting limit for sodium. The result was confirmed.

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: 11/03/22

ORGANICS

VOLATILES

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-01
Client ID: TWP07_20221028
Sample Location: QUEENS, NY

Date Collected: 10/28/22 12:30
Date Received: 10/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/01/22 13:04
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	1.2	J	ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	22		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	3.8		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	0.20	J	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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-01 Date Collected: 10/28/22 12:30

Client ID: TWP07_20221028 Date Received: 10/28/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	2.5		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	0.98	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	0.98	J	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	10		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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-01 Date Collected: 10/28/22 12:30

Client ID: TWP07_20221028 Date Received: 10/28/22

Sample Location: QUEENS, 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	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	108		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-02
Client ID: TWP10_20221028
Sample Location: QUEENS, NY

Date Collected: 10/28/22 14:30
Date Received: 10/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/01/22 13:24
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	33		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	7.5		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	0.23	J	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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-02 Date Collected: 10/28/22 14:30

Client ID: TWP10_20221028 Date Received: 10/28/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.47	J	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	12		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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-02 Date Collected: 10/28/22 14:30

Client ID: TWP10_20221028 Date Received: 10/28/22

Sample Location: QUEENS, 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	0.92	J	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	1.1	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	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	108		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-03
Client ID: TWP_DUP
Sample Location: QUEENS, NY

Date Collected: 10/28/22 14:40
Date Received: 10/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/01/22 13:44
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	38		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	4.9		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	0.32	J	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	0.18	J	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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-03 Date Collected: 10/28/22 14:40

Client ID: TWP_DUP Date Received: 10/28/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.29	J	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	7.6		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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-03 Date Collected: 10/28/22 14:40

Client ID: TWP_DUP Date Received: 10/28/22

Sample Location: QUEENS, 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	1.2	J	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	1.1	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	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	108		70-130

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-04 D
Client ID: SB12_23-25
Sample Location: QUEENS, NY

Date Collected: 10/28/22 10:28
Date Received: 10/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/31/22 11:32
Analyst: MKS
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	440	200	2
1,1-Dichloroethane	ND		ug/kg	88	13.	2
Chloroform	ND		ug/kg	130	12.	2
Carbon tetrachloride	ND		ug/kg	88	20.	2
1,2-Dichloropropane	ND		ug/kg	88	11.	2
Dibromochloromethane	ND		ug/kg	88	12.	2
1,1,2-Trichloroethane	ND		ug/kg	88	24.	2
Tetrachloroethene	7800		ug/kg	44	17.	2
Chlorobenzene	ND		ug/kg	44	11.	2
Trichlorofluoromethane	ND		ug/kg	350	62.	2
1,2-Dichloroethane	ND		ug/kg	88	23.	2
1,1,1-Trichloroethane	ND		ug/kg	44	15.	2
Bromodichloromethane	ND		ug/kg	44	9.6	2
trans-1,3-Dichloropropene	ND		ug/kg	88	24.	2
cis-1,3-Dichloropropene	ND		ug/kg	44	14.	2
1,3-Dichloropropene, Total	ND		ug/kg	44	14.	2
1,1-Dichloropropene	ND		ug/kg	44	14.	2
Bromoform	ND		ug/kg	350	22.	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	44	15.	2
Benzene	ND		ug/kg	44	15.	2
Toluene	ND		ug/kg	88	48.	2
Ethylbenzene	120		ug/kg	88	12.	2
Chloromethane	ND		ug/kg	350	82.	2
Bromomethane	ND		ug/kg	180	51.	2
Vinyl chloride	ND		ug/kg	88	30.	2
Chloroethane	ND		ug/kg	180	40.	2
1,1-Dichloroethene	ND		ug/kg	88	21.	2
trans-1,2-Dichloroethene	ND		ug/kg	130	12.	2

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-04 D Date Collected: 10/28/22 10:28

Client ID: SB12_23-25 Date Received: 10/28/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	44	12.	2
1,2-Dichlorobenzene	ND		ug/kg	180	13.	2
1,3-Dichlorobenzene	ND		ug/kg	180	13.	2
1,4-Dichlorobenzene	ND		ug/kg	180	15.	2
Methyl tert butyl ether	ND		ug/kg	180	18.	2
p/m-Xylene	220		ug/kg	180	50.	2
o-Xylene	220		ug/kg	88	26.	2
Xylenes, Total	440		ug/kg	88	26.	2
cis-1,2-Dichloroethene	ND		ug/kg	88	15.	2
1,2-Dichloroethene, Total	ND		ug/kg	88	12.	2
Dibromomethane	ND		ug/kg	180	21.	2
Styrene	ND		ug/kg	88	17.	2
Dichlorodifluoromethane	ND		ug/kg	880	81.	2
Acetone	ND		ug/kg	880	420	2
Carbon disulfide	ND		ug/kg	880	400	2
2-Butanone	ND		ug/kg	880	200	2
Vinyl acetate	ND		ug/kg	880	190	2
4-Methyl-2-pentanone	ND		ug/kg	880	110	2
1,2,3-Trichloropropane	ND		ug/kg	180	11.	2
2-Hexanone	ND		ug/kg	880	100	2
Bromochloromethane	ND		ug/kg	180	18.	2
2,2-Dichloropropane	ND		ug/kg	180	18.	2
1,2-Dibromoethane	ND		ug/kg	88	25.	2
1,3-Dichloropropane	ND		ug/kg	180	15.	2
1,1,1,2-Tetrachloroethane	ND		ug/kg	44	12.	2
Bromobenzene	ND		ug/kg	180	13.	2
n-Butylbenzene	540		ug/kg	88	15.	2
sec-Butylbenzene	450		ug/kg	88	13.	2
tert-Butylbenzene	78	J	ug/kg	180	10.	2
o-Chlorotoluene	ND		ug/kg	180	17.	2
p-Chlorotoluene	ND		ug/kg	180	9.6	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	260	88.	2
Hexachlorobutadiene	ND		ug/kg	350	15.	2
Isopropylbenzene	160		ug/kg	88	9.6	2
p-Isopropyltoluene	360		ug/kg	88	9.6	2
Naphthalene	260	J	ug/kg	350	58.	2
Acrylonitrile	ND		ug/kg	350	100	2

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-04 D Date Collected: 10/28/22 10:28

Client ID: SB12_23-25 Date Received: 10/28/22

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	360		ug/kg	88	15.	2
1,2,3-Trichlorobenzene	ND		ug/kg	180	28.	2
1,2,4-Trichlorobenzene	ND		ug/kg	180	24.	2
1,3,5-Trimethylbenzene	1100		ug/kg	180	17.	2
1,2,4-Trimethylbenzene	2500		ug/kg	180	30.	2
1,4-Dioxane	ND		ug/kg	7100	3100	2
p-Diethylbenzene	ND		ug/kg	180	16.	2
p-Ethyltoluene	1100		ug/kg	180	34.	2
1,2,4,5-Tetramethylbenzene	700		ug/kg	180	17.	2
Ethyl ether	ND		ug/kg	180	30.	2
trans-1,4-Dichloro-2-butene	ND		ug/kg	440	120	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	121		70-130
4-Bromofluorobenzene	**235**	Q	70-130
Dibromofluoromethane	83		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-05
Client ID: 20221028_FB
Sample Location: QUEENS, NY

Date Collected: 10/28/22 14:40
Date Received: 10/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/02/22 09:03
Analyst: PID

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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-05 Date Collected: 10/28/22 14:40

Client ID: 20221028_FB Date Received: 10/28/22

Sample Location: QUEENS, 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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-05 Date Collected: 10/28/22 14:40

Client ID: 20221028_FB Date Received: 10/28/22

Sample Location: QUEENS, 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	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	110		70-130

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-06
Client ID: 20221028_TB
Sample Location: QUEENS, NY

Date Collected: 10/28/22 00:00
Date Received: 10/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/02/22 09:22
Analyst: PID

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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-06 Date Collected: 10/28/22 00:00

Client ID: 20221028_TB Date Received: 10/28/22

Sample Location: QUEENS, 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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-06 Date Collected: 10/28/22 00:00

Client ID: 20221028_TB Date Received: 10/28/22

Sample Location: QUEENS, 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	99		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	110		70-130

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/31/22 08:34
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04 Batch: WG1706741-5					
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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/31/22 08:34
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04 Batch: WG1706741-5					
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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/31/22 08:34
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04 Batch: WG1706741-5					
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	4000	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	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	94		70-130

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/01/22 08:28
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1706800-5					
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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/01/22 08:28
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1706800-5					
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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/01/22 08:28
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1706800-5					
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	101		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	107		70-130

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/02/22 08:44
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1707450-5					
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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/02/22 08:44
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1707450-5					
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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/02/22 08:44
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1707450-5					
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	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04 Batch: WG1706741-3 WG1706741-4								
Methylene chloride	93		94		70-130	1		30
1,1-Dichloroethane	94		96		70-130	2		30
Chloroform	93		92		70-130	1		30
Carbon tetrachloride	100		101		70-130	1		30
1,2-Dichloropropane	96		100		70-130	4		30
Dibromochloromethane	102		105		70-130	3		30
1,1,2-Trichloroethane	92		95		70-130	3		30
Tetrachloroethene	110		112		70-130	2		30
Chlorobenzene	98		101		70-130	3		30
Trichlorofluoromethane	100		103		70-139	3		30
1,2-Dichloroethane	92		95		70-130	3		30
1,1,1-Trichloroethane	93		94		70-130	1		30
Bromodichloromethane	90		94		70-130	4		30
trans-1,3-Dichloropropene	99		102		70-130	3		30
cis-1,3-Dichloropropene	100		105		70-130	5		30
1,1-Dichloropropene	105		108		70-130	3		30
Bromoform	100		102		70-130	2		30
1,1,2,2-Tetrachloroethane	90		94		70-130	4		30
Benzene	99		101		70-130	2		30
Toluene	96		97		70-130	1		30
Ethylbenzene	99		102		70-130	3		30
Chloromethane	86		86		52-130	0		30
Bromomethane	87		87		57-147	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04 Batch: WG1706741-3 WG1706741-4								
Vinyl chloride	97		97		67-130	0		30
Chloroethane	93		95		50-151	2		30
1,1-Dichloroethene	104		103		65-135	1		30
trans-1,2-Dichloroethene	93		95		70-130	2		30
Trichloroethene	99		102		70-130	3		30
1,2-Dichlorobenzene	97		101		70-130	4		30
1,3-Dichlorobenzene	99		103		70-130	4		30
1,4-Dichlorobenzene	98		103		70-130	5		30
Methyl tert butyl ether	98		101		66-130	3		30
p/m-Xylene	100		101		70-130	1		30
o-Xylene	99		101		70-130	2		30
cis-1,2-Dichloroethene	91		94		70-130	3		30
Dibromomethane	93		97		70-130	4		30
Styrene	100		103		70-130	3		30
Dichlorodifluoromethane	81		81		30-146	0		30
Acetone	87		90		54-140	3		30
Carbon disulfide	95		95		59-130	0		30
2-Butanone	84		86		70-130	2		30
Vinyl acetate	90		92		70-130	2		30
4-Methyl-2-pentanone	81		84		70-130	4		30
1,2,3-Trichloropropane	95		99		68-130	4		30
2-Hexanone	80		84		70-130	5		30
Bromochloromethane	98		100		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04 Batch: WG1706741-3 WG1706741-4

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
2,2-Dichloropropane	102		100		70-130	2		30
1,2-Dibromoethane	101		104		70-130	3		30
1,3-Dichloropropane	97		102		69-130	5		30
1,1,1,2-Tetrachloroethane	105		109		70-130	4		30
Bromobenzene	95		100		70-130	5		30
n-Butylbenzene	99		103		70-130	4		30
sec-Butylbenzene	99		102		70-130	3		30
tert-Butylbenzene	99		103		70-130	4		30
o-Chlorotoluene	100		105		70-130	5		30
p-Chlorotoluene	98		101		70-130	3		30
1,2-Dibromo-3-chloropropane	96		98		68-130	2		30
Hexachlorobutadiene	97		101		67-130	4		30
Isopropylbenzene	99		104		70-130	5		30
p-Isopropyltoluene	100		103		70-130	3		30
Naphthalene	92		96		70-130	4		30
Acrylonitrile	89		90		70-130	1		30
n-Propylbenzene	100		103		70-130	3		30
1,2,3-Trichlorobenzene	96		100		70-130	4		30
1,2,4-Trichlorobenzene	100		104		70-130	4		30
1,3,5-Trimethylbenzene	99		102		70-130	3		30
1,2,4-Trimethylbenzene	98		101		70-130	3		30
1,4-Dioxane	104		102		65-136	2		30
p-Diethylbenzene	100		104		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04 Batch: WG1706741-3 WG1706741-4								
p-Ethyltoluene	99		102		70-130	3		30
1,2,4,5-Tetramethylbenzene	98		103		70-130	5		30
Ethyl ether	99		99		67-130	0		30
trans-1,4-Dichloro-2-butene	90		91		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		92		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	93		92		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1706800-3 WG1706800-4								
Methylene chloride	100		99		70-130	1		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	98		96		63-132	2		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	86		89		63-130	3		20
1,1,2-Trichloroethane	95		98		70-130	3		20
Tetrachloroethene	98		96		70-130	2		20
Chlorobenzene	100		98		75-130	2		20
Trichlorofluoromethane	86		83		62-150	4		20
1,2-Dichloroethane	95		96		70-130	1		20
1,1,1-Trichloroethane	100		97		67-130	3		20
Bromodichloromethane	94		93		67-130	1		20
trans-1,3-Dichloropropene	82		86		70-130	5		20
cis-1,3-Dichloropropene	89		91		70-130	2		20
1,1-Dichloropropene	99		98		70-130	1		20
Bromoform	79		84		54-136	6		20
1,1,2,2-Tetrachloroethane	95		100		67-130	5		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	120		110		64-130	9		20
Bromomethane	64		65		39-139	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1706800-3 WG1706800-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	86		86		55-138	0		20
1,1-Dichloroethene	84		81		61-145	4		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	97		99		70-130	2		20
1,3-Dichlorobenzene	97		97		70-130	0		20
1,4-Dichlorobenzene	98		100		70-130	2		20
Methyl tert butyl ether	93		96		63-130	3		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	99		100		70-130	1		20
Dibromomethane	93		94		70-130	1		20
1,2,3-Trichloropropane	97		100		64-130	3		20
Acrylonitrile	110		110		70-130	0		20
Styrene	95		100		70-130	5		20
Dichlorodifluoromethane	100		98		36-147	2		20
Acetone	100		110		58-148	10		20
Carbon disulfide	66		62		51-130	6		20
2-Butanone	100		110		63-138	10		20
Vinyl acetate	92		92		70-130	0		20
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	110		110		57-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1706800-3 WG1706800-4								
Bromochloromethane	92		92		70-130	0		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	90		95		70-130	5		20
1,3-Dichloropropane	95		100		70-130	5		20
1,1,1,2-Tetrachloroethane	86		87		64-130	1		20
Bromobenzene	94		97		70-130	3		20
n-Butylbenzene	96		96		53-136	0		20
sec-Butylbenzene	98		96		70-130	2		20
tert-Butylbenzene	95		96		70-130	1		20
o-Chlorotoluene	110		100		70-130	10		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	95		100		41-144	5		20
Hexachlorobutadiene	87		88		63-130	1		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	93		92		70-130	1		20
Naphthalene	86		93		70-130	8		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	86		90		70-130	5		20
1,2,4-Trichlorobenzene	90		92		70-130	2		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	98		102		56-162	4		20
p-Diethylbenzene	96		96		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1706800-3 WG1706800-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	98		99		70-130	1		20
Ethyl ether	74		80		59-134	8		20
trans-1,4-Dichloro-2-butene	100		110		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		97		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	112		114		70-130
Dibromofluoromethane	95		94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1707450-3 WG1707450-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	99		100		63-132	1		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	86		90		63-130	5		20
1,1,2-Trichloroethane	92		99		70-130	7		20
Tetrachloroethene	99		100		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	88		88		62-150	0		20
1,2-Dichloroethane	96		100		70-130	4		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	92		96		67-130	4		20
trans-1,3-Dichloropropene	83		86		70-130	4		20
cis-1,3-Dichloropropene	89		93		70-130	4		20
1,1-Dichloropropene	96		100		70-130	4		20
Bromoform	77		83		54-136	8		20
1,1,2,2-Tetrachloroethane	94		100		67-130	6		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	130		130		64-130	0		20
Bromomethane	56		61		39-139	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1707450-3 WG1707450-4								
Vinyl chloride	120		120		55-140	0		20
Chloroethane	90		87		55-138	3		20
1,1-Dichloroethene	85		85		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		110		70-130	10		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	88		97		63-130	10		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	93		99		70-130	6		20
1,2,3-Trichloropropane	96		100		64-130	4		20
Acrylonitrile	110		120		70-130	9		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	110		120		58-148	9		20
Carbon disulfide	66		66		51-130	0		20
2-Butanone	110		94		63-138	16		20
Vinyl acetate	87		90		70-130	3		20
4-Methyl-2-pentanone	94		100		59-130	6		20
2-Hexanone	100		120		57-130	18		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1707450-3 WG1707450-4								
Bromochloromethane	99		99		70-130	0		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	92		94		70-130	2		20
1,3-Dichloropropane	97		100		70-130	3		20
1,1,1,2-Tetrachloroethane	89		91		64-130	2		20
Bromobenzene	98		100		70-130	2		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	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	94		99		41-144	5		20
Hexachlorobutadiene	89		94		63-130	5		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	97		99		70-130	2		20
Naphthalene	90		95		70-130	5		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	91		94		70-130	3		20
1,2,4-Trichlorobenzene	92		95		70-130	3		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
1,4-Dioxane	68		78		56-162	14		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1707450-3 WG1707450-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	72		79		59-134	9		20
trans-1,4-Dichloro-2-butene	96		110		70-130	14		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		96		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	112		113		70-130
Dibromofluoromethane	96		96		70-130

SEMIVOLATILES

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-01
Client ID: TWP07_20221028
Sample Location: QUEENS, NY

Date Collected: 10/28/22 12:30
Date Received: 10/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/02/22 04:52
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 11/01/22 09:04

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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-01 Date Collected: 10/28/22 12:30

Client ID: TWP07_20221028 Date Received: 10/28/22

Sample Location: QUEENS, 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	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	56		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	73		41-149

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-01
Client ID: TWP07_20221028
Sample Location: QUEENS, NY

Date Collected: 10/28/22 12:30
Date Received: 10/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/02/22 13:28
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/01/22 09:07

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	0.04	J	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	0.05	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	0.09	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-01 Date Collected: 10/28/22 12:30

Client ID: TWP07_20221028 Date Received: 10/28/22

Sample Location: QUEENS, 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	70		21-120
Phenol-d6	60		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	88		41-149

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-02
Client ID: TWP10_20221028
Sample Location: QUEENS, NY

Date Collected: 10/28/22 14:30
Date Received: 10/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/02/22 05:14
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 11/01/22 09:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	6.6	0.65	1
Bis(2-chloroethyl)ether	ND		ug/l	2.6	0.66	1
1,2-Dichlorobenzene	ND		ug/l	2.6	0.60	1
1,3-Dichlorobenzene	ND		ug/l	2.6	0.53	1
1,4-Dichlorobenzene	ND		ug/l	2.6	0.57	1
3,3'-Dichlorobenzidine	ND		ug/l	6.6	2.1	1
2,4-Dinitrotoluene	ND		ug/l	6.6	1.5	1
2,6-Dinitrotoluene	ND		ug/l	6.6	1.2	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.6	0.64	1
4-Bromophenyl phenyl ether	ND		ug/l	2.6	0.50	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.6	0.69	1
Bis(2-chloroethoxy)methane	ND		ug/l	6.6	0.66	1
Hexachlorocyclopentadiene	ND		ug/l	26	0.90	1
Isophorone	ND		ug/l	6.6	1.6	1
Nitrobenzene	ND		ug/l	2.6	1.0	1
NDPA/DPA	ND		ug/l	2.6	0.55	1
n-Nitrosodi-n-propylamine	ND		ug/l	6.6	0.84	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.9	2.0	1
Butyl benzyl phthalate	ND		ug/l	6.6	1.5	1
Di-n-butylphthalate	ND		ug/l	6.6	0.51	1
Di-n-octylphthalate	ND		ug/l	6.6	1.7	1
Diethyl phthalate	ND		ug/l	6.6	0.50	1
Dimethyl phthalate	ND		ug/l	6.6	2.4	1
Biphenyl	ND		ug/l	2.6	0.60	1
4-Chloroaniline	ND		ug/l	6.6	1.4	1
2-Nitroaniline	ND		ug/l	6.6	0.65	1
3-Nitroaniline	ND		ug/l	6.6	1.1	1
4-Nitroaniline	ND		ug/l	6.6	1.0	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-02 Date Collected: 10/28/22 14:30

Client ID: TWP10_20221028 Date Received: 10/28/22

Sample Location: QUEENS, 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	2.6	0.65	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	13	0.58	1
Acetophenone	ND		ug/l	6.6	0.69	1
2,4,6-Trichlorophenol	ND		ug/l	6.6	0.80	1
p-Chloro-m-cresol	ND		ug/l	2.6	0.46	1
2-Chlorophenol	ND		ug/l	2.6	0.63	1
2,4-Dichlorophenol	ND		ug/l	6.6	0.54	1
2,4-Dimethylphenol	ND		ug/l	6.6	2.3	1
2-Nitrophenol	ND		ug/l	13	1.1	1
4-Nitrophenol	ND		ug/l	13	0.88	1
2,4-Dinitrophenol	ND		ug/l	26	8.7	1
4,6-Dinitro-o-cresol	ND		ug/l	13	2.4	1
Phenol	ND		ug/l	6.6	0.74	1
2-Methylphenol	ND		ug/l	6.6	0.64	1
3-Methylphenol/4-Methylphenol	ND		ug/l	6.6	0.63	1
2,4,5-Trichlorophenol	ND		ug/l	6.6	1.0	1
Benzoic Acid	10.	J	ug/l	66	3.5	1
Benzyl Alcohol	ND		ug/l	2.6	0.77	1
Carbazole	ND		ug/l	2.6	0.64	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	56		41-149

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-02
Client ID: TWP10_20221028
Sample Location: QUEENS, NY

Date Collected: 10/28/22 14:30
Date Received: 10/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/02/22 13:44
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/01/22 09:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.13	0.02	1
2-Chloronaphthalene	ND		ug/l	0.26	0.02	1
Fluoranthene	0.05	J	ug/l	0.13	0.03	1
Hexachlorobutadiene	ND		ug/l	0.65	0.06	1
Naphthalene	0.09	J	ug/l	0.13	0.06	1
Benzo(a)anthracene	0.06	J	ug/l	0.13	0.03	1
Benzo(a)pyrene	ND		ug/l	0.13	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.13	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.13	0.01	1
Chrysene	ND		ug/l	0.13	0.02	1
Acenaphthylene	ND		ug/l	0.13	0.02	1
Anthracene	0.02	J	ug/l	0.13	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.13	0.02	1
Fluorene	ND		ug/l	0.13	0.02	1
Phenanthrene	0.09	J	ug/l	0.13	0.03	1
Dibenzo(a,h)anthracene	ND		ug/l	0.13	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.13	0.02	1
Pyrene	0.04	J	ug/l	0.13	0.03	1
2-Methylnaphthalene	0.08	J	ug/l	0.13	0.03	1
Pentachlorophenol	ND		ug/l	1.0	0.02	1
Hexachlorobenzene	ND		ug/l	1.0	0.01	1
Hexachloroethane	ND		ug/l	1.0	0.08	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-02 Date Collected: 10/28/22 14:30

Client ID: TWP10_20221028 Date Received: 10/28/22

Sample Location: QUEENS, 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	64		21-120
Phenol-d6	60		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	72		41-149

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-03
Client ID: TWP_DUP
Sample Location: QUEENS, NY

Date Collected: 10/28/22 14:40
Date Received: 10/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/02/22 05:37
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 11/01/22 09:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	6.4	0.64	1
Bis(2-chloroethyl)ether	ND		ug/l	2.6	0.65	1
1,2-Dichlorobenzene	ND		ug/l	2.6	0.58	1
1,3-Dichlorobenzene	ND		ug/l	2.6	0.52	1
1,4-Dichlorobenzene	ND		ug/l	2.6	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	6.4	2.1	1
2,4-Dinitrotoluene	ND		ug/l	6.4	1.5	1
2,6-Dinitrotoluene	ND		ug/l	6.4	1.2	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.6	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.6	0.48	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.6	0.67	1
Bis(2-chloroethoxy)methane	ND		ug/l	6.4	0.64	1
Hexachlorocyclopentadiene	ND		ug/l	26	0.88	1
Isophorone	ND		ug/l	6.4	1.5	1
Nitrobenzene	ND		ug/l	2.6	0.99	1
NDPA/DPA	ND		ug/l	2.6	0.53	1
n-Nitrosodi-n-propylamine	ND		ug/l	6.4	0.82	1
Bis(2-ethylhexyl)phthalate	2.2	J	ug/l	3.8	2.0	1
Butyl benzyl phthalate	ND		ug/l	6.4	1.5	1
Di-n-butylphthalate	ND		ug/l	6.4	0.50	1
Di-n-octylphthalate	ND		ug/l	6.4	1.6	1
Diethyl phthalate	ND		ug/l	6.4	0.49	1
Dimethyl phthalate	ND		ug/l	6.4	2.3	1
Biphenyl	ND		ug/l	2.6	0.59	1
4-Chloroaniline	ND		ug/l	6.4	1.4	1
2-Nitroaniline	ND		ug/l	6.4	0.64	1
3-Nitroaniline	ND		ug/l	6.4	1.0	1
4-Nitroaniline	ND		ug/l	6.4	1.0	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-03 Date Collected: 10/28/22 14:40

Client ID: TWP_DUP Date Received: 10/28/22

Sample Location: QUEENS, 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	2.6	0.64	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	13	0.56	1
Acetophenone	ND		ug/l	6.4	0.67	1
2,4,6-Trichlorophenol	ND		ug/l	6.4	0.78	1
p-Chloro-m-cresol	ND		ug/l	2.6	0.45	1
2-Chlorophenol	ND		ug/l	2.6	0.61	1
2,4-Dichlorophenol	ND		ug/l	6.4	0.52	1
2,4-Dimethylphenol	ND		ug/l	6.4	2.3	1
2-Nitrophenol	ND		ug/l	13	1.1	1
4-Nitrophenol	ND		ug/l	13	0.86	1
2,4-Dinitrophenol	ND		ug/l	26	8.5	1
4,6-Dinitro-o-cresol	ND		ug/l	13	2.3	1
Phenol	ND		ug/l	6.4	0.72	1
2-Methylphenol	ND		ug/l	6.4	0.63	1
3-Methylphenol/4-Methylphenol	ND		ug/l	6.4	0.61	1
2,4,5-Trichlorophenol	ND		ug/l	6.4	0.99	1
Benzoic Acid	11.	J	ug/l	64	3.4	1
Benzyl Alcohol	ND		ug/l	2.6	0.75	1
Carbazole	ND		ug/l	2.6	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	73		41-149

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-03
Client ID: TWP_DUP
Sample Location: QUEENS, NY

Date Collected: 10/28/22 14:40
Date Received: 10/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/02/22 14:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/01/22 09:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.13	0.02	1
2-Chloronaphthalene	ND		ug/l	0.26	0.02	1
Fluoranthene	ND		ug/l	0.13	0.03	1
Hexachlorobutadiene	ND		ug/l	0.64	0.06	1
Naphthalene	0.07	J	ug/l	0.13	0.06	1
Benzo(a)anthracene	0.06	J	ug/l	0.13	0.03	1
Benzo(a)pyrene	ND		ug/l	0.13	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.13	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.13	0.01	1
Chrysene	ND		ug/l	0.13	0.02	1
Acenaphthylene	ND		ug/l	0.13	0.02	1
Anthracene	0.02	J	ug/l	0.13	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.13	0.02	1
Fluorene	0.02	J	ug/l	0.13	0.02	1
Phenanthrene	0.05	J	ug/l	0.13	0.03	1
Dibenzo(a,h)anthracene	ND		ug/l	0.13	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.13	0.02	1
Pyrene	0.03	J	ug/l	0.13	0.02	1
2-Methylnaphthalene	0.06	J	ug/l	0.13	0.03	1
Pentachlorophenol	ND		ug/l	1.0	0.02	1
Hexachlorobenzene	ND		ug/l	1.0	0.01	1
Hexachloroethane	ND		ug/l	1.0	0.08	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-03 Date Collected: 10/28/22 14:40

Client ID: TWP_DUP Date Received: 10/28/22

Sample Location: QUEENS, 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	71		21-120
Phenol-d6	65		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	82		41-149

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-04
Client ID: SB12_23-25
Sample Location: QUEENS, NY

Date Collected: 10/28/22 10:28
Date Received: 10/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/30/22 21:53
Analyst: CMM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/29/22 11:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	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	ND		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	42	J	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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-04 Date Collected: 10/28/22 10:28

Client ID: SB12_23-25 Date Received: 10/28/22

Sample Location: QUEENS, 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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	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	ND		ug/kg	190	18.	1
2-Methylnaphthalene	160	J	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	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	ND		ug/kg	270	30.	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-04 Date Collected: 10/28/22 10:28

Client ID: SB12_23-25 Date Received: 10/28/22

Sample Location: QUEENS, 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	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	60		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-05
Client ID: 20221028_FB
Sample Location: QUEENS, NY

Date Collected: 10/28/22 14:40
Date Received: 10/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/02/22 05:59
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 11/01/22 09:04

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: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-05 Date Collected: 10/28/22 14:40

Client ID: 20221028_FB Date Received: 10/28/22

Sample Location: QUEENS, 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	10.	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	57		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	73		41-149

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-05
Client ID: 20221028_FB
Sample Location: QUEENS, NY

Date Collected: 10/28/22 14:40
Date Received: 10/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/02/22 14:17
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/01/22 09:07

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	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	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	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-05 Date Collected: 10/28/22 14:40

Client ID: 20221028_FB Date Received: 10/28/22

Sample Location: QUEENS, 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	70		21-120
Phenol-d6	60		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	91		41-149

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/29/22 08:09
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 10/28/22 19:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1705620-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	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	97	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	190	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	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	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: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/29/22 08:09
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 10/28/22 19:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1705620-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/29/22 08:09
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 10/28/22 19:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1705620-1					
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	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	60		18-120

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/02/22 01:29
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 11/01/22 09:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG1706600-1					
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: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/02/22 01:29
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 11/01/22 09:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG1706600-1					
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: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/02/22 01:29
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 11/01/22 09:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG1706600-1					
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	46		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	82		41-149

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 11/02/22 13:11
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/01/22 09:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03,05 Batch: WG1706603-1					
Acenaphthene	0.02	J	ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.03	J	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	0.04	J	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	0.04	J	ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	0.04	J	ug/l	0.10	0.01
Phenanthrene	0.05	J	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	0.02	J	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	0.04	J	ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 11/02/22 13:11
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/01/22 09:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03,05 Batch: WG1706603-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	98		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1705620-2 WG1705620-3								
Acenaphthene	60		72		31-137	18		50
1,2,4-Trichlorobenzene	61		74		38-107	19		50
Hexachlorobenzene	65		78		40-140	18		50
Bis(2-chloroethyl)ether	57		68		40-140	18		50
2-Chloronaphthalene	64		77		40-140	18		50
1,2-Dichlorobenzene	59		70		40-140	17		50
1,3-Dichlorobenzene	58		69		40-140	17		50
1,4-Dichlorobenzene	58		69		28-104	17		50
3,3'-Dichlorobenzidine	40		57		40-140	35		50
2,4-Dinitrotoluene	63		77		40-132	20		50
2,6-Dinitrotoluene	68		82		40-140	19		50
Fluoranthene	62		74		40-140	18		50
4-Chlorophenyl phenyl ether	60		74		40-140	21		50
4-Bromophenyl phenyl ether	63		75		40-140	17		50
Bis(2-chloroisopropyl)ether	**38**	Q	46		40-140	19		50
Bis(2-chloroethoxy)methane	59		72		40-117	20		50
Hexachlorobutadiene	53		66		40-140	22		50
Hexachlorocyclopentadiene	55		70		40-140	24		50
Hexachloroethane	56		66		40-140	16		50
Isophorone	56		68		40-140	19		50
Naphthalene	60		72		40-140	18		50
Nitrobenzene	53		65		40-140	20		50
NDPA/DPA	62		75		36-157	19		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1705620-2 WG1705620-3								
n-Nitrosodi-n-propylamine	52		64		32-121	21		50
Bis(2-ethylhexyl)phthalate	65		81		40-140	22		50
Butyl benzyl phthalate	63		76		40-140	19		50
Di-n-butylphthalate	63		76		40-140	19		50
Di-n-octylphthalate	64		80		40-140	22		50
Diethyl phthalate	62		74		40-140	18		50
Dimethyl phthalate	65		79		40-140	19		50
Benzo(a)anthracene	58		72		40-140	22		50
Benzo(a)pyrene	65		81		40-140	22		50
Benzo(b)fluoranthene	64		79		40-140	21		50
Benzo(k)fluoranthene	62		79		40-140	24		50
Chrysene	60		74		40-140	21		50
Acenaphthylene	65		79		40-140	19		50
Anthracene	62		74		40-140	18		50
Benzo(ghi)perylene	59		72		40-140	20		50
Fluorene	61		74		40-140	19		50
Phenanthrene	60		72		40-140	18		50
Dibenzo(a,h)anthracene	58		72		40-140	22		50
Indeno(1,2,3-cd)pyrene	66		82		40-140	22		50
Pyrene	62		74		35-142	18		50
Biphenyl	63		76		37-127	19		50
4-Chloroaniline	49		58		40-140	17		50
2-Nitroaniline	70		84		47-134	18		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1705620-2 WG1705620-3								
3-Nitroaniline	50		68		26-129	31		50
4-Nitroaniline	63		79		41-125	23		50
Dibenzofuran	60		73		40-140	20		50
2-Methylnaphthalene	63		76		40-140	19		50
1,2,4,5-Tetrachlorobenzene	61		74		40-117	19		50
Acetophenone	61		74		14-144	19		50
2,4,6-Trichlorophenol	65		80		30-130	21		50
p-Chloro-m-cresol	66		78		26-103	17		50
2-Chlorophenol	64		78		25-102	20		50
2,4-Dichlorophenol	68		81		30-130	17		50
2,4-Dimethylphenol	65		78		30-130	18		50
2-Nitrophenol	66		79		30-130	18		50
4-Nitrophenol	54		65		11-114	18		50
2,4-Dinitrophenol	59		71		4-130	18		50
4,6-Dinitro-o-cresol	67		83		10-130	21		50
Pentachlorophenol	56		67		17-109	18		50
Phenol	54		65		26-90	18		50
2-Methylphenol	62		74		30-130.	18		50
3-Methylphenol/4-Methylphenol	62		76		30-130	20		50
2,4,5-Trichlorophenol	67		80		30-130	18		50
Benzoic Acid	56		67		10-110	18		50
Benzyl Alcohol	55		68		40-140	21		50
Carbazole	64		76		54-128	17		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1705620-2 WG1705620-3								
1,4-Dioxane	46		56		40-140	20		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		78		25-120
Phenol-d6	60		74		10-120
Nitrobenzene-d5	55		68		23-120
2-Fluorobiphenyl	62		76		30-120
2,4,6-Tribromophenol	59		73		10-136
4-Terphenyl-d14	61		74		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1706600-2 WG1706600-3								
Acenaphthene	62		64		37-111	3		30
1,2,4-Trichlorobenzene	66		62		39-98	6		30
Hexachlorobenzene	70		72		40-140	3		30
Bis(2-chloroethyl)ether	59		55		40-140	7		30
2-Chloronaphthalene	66		64		40-140	3		30
1,2-Dichlorobenzene	64		59		40-140	8		30
1,3-Dichlorobenzene	61		58		40-140	5		30
1,4-Dichlorobenzene	62		58		36-97	7		30
3,3'-Dichlorobenzidine	52		52		40-140	0		30
2,4-Dinitrotoluene	67		70		48-143	4		30
2,6-Dinitrotoluene	69		69		40-140	0		30
Fluoranthene	63		66		40-140	5		30
4-Chlorophenyl phenyl ether	71		73		40-140	3		30
4-Bromophenyl phenyl ether	70		75		40-140	7		30
Bis(2-chloroisopropyl)ether	57		55		40-140	4		30
Bis(2-chloroethoxy)methane	59		59		40-140	0		30
Hexachlorobutadiene	67		65		40-140	3		30
Hexachlorocyclopentadiene	65		66		40-140	2		30
Hexachloroethane	59		57		40-140	3		30
Isophorone	61		58		40-140	5		30
Naphthalene	61		60		40-140	2		30
Nitrobenzene	61		57		40-140	7		30
NDPA/DPA	68		71		40-140	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1706600-2 WG1706600-3								
n-Nitrosodi-n-propylamine	60		57		29-132	5		30
Bis(2-ethylhexyl)phthalate	70		73		40-140	4		30
Butyl benzyl phthalate	67		70		40-140	4		30
Di-n-butylphthalate	66		69		40-140	4		30
Di-n-octylphthalate	72		75		40-140	4		30
Diethyl phthalate	68		70		40-140	3		30
Dimethyl phthalate	67		71		40-140	6		30
Benzo(a)anthracene	70		73		40-140	4		30
Benzo(a)pyrene	70		71		40-140	1		30
Benzo(b)fluoranthene	67		71		40-140	6		30
Benzo(k)fluoranthene	69		70		40-140	1		30
Chrysene	67		69		40-140	3		30
Acenaphthylene	67		70		45-123	4		30
Anthracene	64		66		40-140	3		30
Benzo(ghi)perylene	62		63		40-140	2		30
Fluorene	67		68		40-140	1		30
Phenanthrene	61		63		40-140	3		30
Dibenzo(a,h)anthracene	64		66		40-140	3		30
Indeno(1,2,3-cd)pyrene	75		76		40-140	1		30
Pyrene	64		66		26-127	3		30
Biphenyl	67		66		40-140	2		30
4-Chloroaniline	60		54		40-140	11		30
2-Nitroaniline	64		69		52-143	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1706600-2 WG1706600-3								
3-Nitroaniline	66		63		25-145	5		30
4-Nitroaniline	65		64		51-143	2		30
Dibenzofuran	68		67		40-140	1		30
2-Methylnaphthalene	65		68		40-140	5		30
1,2,4,5-Tetrachlorobenzene	74		74		2-134	0		30
Acetophenone	62		58		39-129	7		30
2,4,6-Trichlorophenol	74		75		30-130	1		30
p-Chloro-m-cresol	68		69		23-97	1		30
2-Chlorophenol	66		62		27-123	6		30
2,4-Dichlorophenol	73		68		30-130	7		30
2,4-Dimethylphenol	53		42		30-130	23		30
2-Nitrophenol	62		62		30-130	0		30
4-Nitrophenol	55		57		10-80	4		30
2,4-Dinitrophenol	56		68		20-130	19		30
4,6-Dinitro-o-cresol	63		71		20-164	12		30
Pentachlorophenol	62		67		9-103	8		30
Phenol	50		46		12-110	8		30
2-Methylphenol	64		59		30-130	8		30
3-Methylphenol/4-Methylphenol	63		60		30-130	5		30
2,4,5-Trichlorophenol	75		78		30-130	4		30
Benzoic Acid	54		62		10-164	14		30
Benzyl Alcohol	61		57		26-116	7		30
Carbazole	66		68		55-144	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 16-63 CODY AVENUE

Project Number: 101015501

Lab Number: L2260690

Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1706600-2 WG1706600-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		57		21-120
Phenol-d6	48		45		10-120
Nitrobenzene-d5	58		55		23-120
2-Fluorobiphenyl	64		66		15-120
2,4,6-Tribromophenol	75		75		10-120
4-Terphenyl-d14	64		68		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1706603-2 WG1706603-3								
Acenaphthene	76		72		40-140	5		40
2-Chloronaphthalene	77		72		40-140	7		40
Fluoranthene	77		73		40-140	5		40
Hexachlorobutadiene	60		55		40-140	9		40
Naphthalene	77		71		40-140	8		40
Benzo(a)anthracene	79		76		40-140	4		40
Benzo(a)pyrene	84		79		40-140	6		40
Benzo(b)fluoranthene	88		82		40-140	7		40
Benzo(k)fluoranthene	89		85		40-140	5		40
Chrysene	73		69		40-140	6		40
Acenaphthylene	86		80		40-140	7		40
Anthracene	83		78		40-140	6		40
Benzo(ghi)perylene	83		78		40-140	6		40
Fluorene	79		74		40-140	7		40
Phenanthrene	76		71		40-140	7		40
Dibenzo(a,h)anthracene	96		89		40-140	8		40
Indeno(1,2,3-cd)pyrene	95		88		40-140	8		40
Pyrene	76		71		40-140	7		40
2-Methylnaphthalene	82		76		40-140	8		40
Pentachlorophenol	71		59		40-140	18		40
Hexachlorobenzene	62		58		40-140	7		40
Hexachloroethane	77		71		40-140	8		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 16-63 CODY AVENUE

Project Number: 101015501

Lab Number: L2260690

Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1706603-2 WG1706603-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		59		21-120
Phenol-d6	63		56		10-120
Nitrobenzene-d5	100		92		23-120
2-Fluorobiphenyl	80		74		15-120
2,4,6-Tribromophenol	62		45		10-120
4-Terphenyl-d14	88		84		41-149

METALS

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-01
Client ID: TWP07_20221028
Sample Location: QUEENS, NY
Sample Depth:
Matrix: Water

Date Collected: 10/28/22 12:30
Date Received: 10/28/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2.13		mg/l	0.0100	0.00327	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Antimony, Total	0.00043	J	mg/l	0.00400	0.00042	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Arsenic, Total	0.00102		mg/l	0.00050	0.00016	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Barium, Total	0.08490		mg/l	0.00050	0.00017	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Beryllium, Total	0.00010	J	mg/l	0.00050	0.00010	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Cadmium, Total	0.00013	J	mg/l	0.00020	0.00005	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Calcium, Total	29.9		mg/l	0.100	0.0394	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Chromium, Total	0.01293		mg/l	0.00100	0.00017	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Cobalt, Total	0.00562		mg/l	0.00050	0.00016	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Copper, Total	0.01059		mg/l	0.00100	0.00038	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Iron, Total	10.6		mg/l	0.0500	0.0191	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Lead, Total	0.00413		mg/l	0.00100	0.00034	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Magnesium, Total	6.25		mg/l	0.0700	0.0242	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Manganese, Total	1.770		mg/l	0.00100	0.00044	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/30/22 14:28	10/30/22 18:09	EPA 7470A	1,7470A	TAA
Nickel, Total	0.01691		mg/l	0.00200	0.00055	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Potassium, Total	8.10		mg/l	0.100	0.0309	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Sodium, Total	15.2		mg/l	0.100	0.0293	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Vanadium, Total	0.00448	J	mg/l	0.00500	0.00157	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Zinc, Total	0.02510		mg/l	0.01000	0.00341	1	10/30/22 13:33	11/02/22 20:14	EPA 3005A	1,6020B	SV
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0682		mg/l	0.0100	0.00327	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Arsenic, Dissolved	0.00101		mg/l	0.00050	0.00016	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Barium, Dissolved	0.07150		mg/l	0.00050	0.00017	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-01
Client ID: TWP07_20221028
Sample Location: QUEENS, NY
Sample Depth:
Matrix: Water

Date Collected: 10/28/22 12:30
Date Received: 10/28/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00010	J	mg/l	0.00020	0.00005	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Calcium, Dissolved	28.6		mg/l	0.100	0.0394	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Chromium, Dissolved	0.00065	J	mg/l	0.00100	0.00017	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Cobalt, Dissolved	0.00478		mg/l	0.00050	0.00016	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Copper, Dissolved	0.00186		mg/l	0.00100	0.00038	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Iron, Dissolved	7.01		mg/l	0.0500	0.0191	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Magnesium, Dissolved	5.38		mg/l	0.0700	0.0242	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Manganese, Dissolved	1.831		mg/l	0.00100	0.00044	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/31/22 14:20	10/31/22 21:59	EPA 7470A	1,7470A	ZK
Nickel, Dissolved	0.01354		mg/l	0.00200	0.00055	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Potassium, Dissolved	6.96		mg/l	0.100	0.0309	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Sodium, Dissolved	13.9		mg/l	0.100	0.0293	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV
Zinc, Dissolved	0.01447		mg/l	0.01000	0.00341	1	10/31/22 12:41	11/02/22 22:25	EPA 3005A	1,6020B	SV

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-02
Client ID: TWP10_20221028
Sample Location: QUEENS, NY
Sample Depth:
Matrix: Water

Date Collected: 10/28/22 14:30
Date Received: 10/28/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16.8		mg/l	0.0100	0.00327	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Arsenic, Total	0.00465		mg/l	0.00050	0.00016	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Barium, Total	0.3177		mg/l	0.00050	0.00017	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Beryllium, Total	0.00123		mg/l	0.00050	0.00010	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Cadmium, Total	0.00207		mg/l	0.00020	0.00005	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Calcium, Total	29.6		mg/l	0.100	0.0394	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Chromium, Total	0.1557		mg/l	0.00100	0.00017	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Cobalt, Total	0.02529		mg/l	0.00050	0.00016	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Copper, Total	0.1028		mg/l	0.00100	0.00038	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Iron, Total	45.2		mg/l	0.0500	0.0191	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Lead, Total	0.09375		mg/l	0.00100	0.00034	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Magnesium, Total	13.8		mg/l	0.0700	0.0242	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Manganese, Total	3.412		mg/l	0.00100	0.00044	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/01/22 03:12	11/01/22 22:10	EPA 7470A	1,7470A	DJR
Nickel, Total	0.08203		mg/l	0.00200	0.00055	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Potassium, Total	9.51		mg/l	0.100	0.0309	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Selenium, Total	0.00397	J	mg/l	0.00500	0.00173	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Sodium, Total	19.1		mg/l	0.100	0.0293	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Thallium, Total	0.00016	J	mg/l	0.00100	0.00014	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Vanadium, Total	0.04376		mg/l	0.00500	0.00157	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Zinc, Total	0.09810		mg/l	0.01000	0.00341	1	10/31/22 10:50	11/02/22 22:10	EPA 3005A	1,6020B	SV
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0714		mg/l	0.0100	0.00327	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Arsenic, Dissolved	0.00071		mg/l	0.00050	0.00016	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Barium, Dissolved	0.02468		mg/l	0.00050	0.00017	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-02
Client ID: TWP10_20221028
Sample Location: QUEENS, NY
Sample Depth:
Matrix: Water

Date Collected: 10/28/22 14:30
Date Received: 10/28/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00010	J	mg/l	0.00020	0.00005	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Calcium, Dissolved	18.2		mg/l	0.100	0.0394	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Chromium, Dissolved	0.00032	J	mg/l	0.00100	0.00017	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Cobalt, Dissolved	0.00086		mg/l	0.00050	0.00016	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Copper, Dissolved	0.00055	J	mg/l	0.00100	0.00038	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Iron, Dissolved	0.151		mg/l	0.0500	0.0191	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Magnesium, Dissolved	5.13		mg/l	0.0700	0.0242	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Manganese, Dissolved	0.8340		mg/l	0.00100	0.00044	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/31/22 14:20	10/31/22 22:03	EPA 7470A	1,7470A	ZK
Nickel, Dissolved	0.00736		mg/l	0.00200	0.00055	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Potassium, Dissolved	5.64		mg/l	0.100	0.0309	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Sodium, Dissolved	18.3		mg/l	0.100	0.0293	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/31/22 12:41	11/02/22 22:30	EPA 3005A	1,6020B	SV

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-03
Client ID: TWP_DUP
Sample Location: QUEENS, NY
Sample Depth:
Matrix: Water

Date Collected: 10/28/22 14:40
Date Received: 10/28/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11.2		mg/l	0.0100	0.00327	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Arsenic, Total	0.00374		mg/l	0.00050	0.00016	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Barium, Total	0.2544		mg/l	0.00050	0.00017	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Beryllium, Total	0.00089		mg/l	0.00050	0.00010	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Cadmium, Total	0.00171		mg/l	0.00020	0.00005	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Calcium, Total	34.6		mg/l	0.100	0.0394	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Chromium, Total	0.1154		mg/l	0.00100	0.00017	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Cobalt, Total	0.01977		mg/l	0.00050	0.00016	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Copper, Total	0.07726		mg/l	0.00100	0.00038	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Iron, Total	32.7		mg/l	0.0500	0.0191	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Lead, Total	0.05825		mg/l	0.00100	0.00034	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Magnesium, Total	14.8		mg/l	0.0700	0.0242	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Manganese, Total	3.135		mg/l	0.00100	0.00044	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/01/22 03:12	11/01/22 22:13	EPA 7470A	1,7470A	DJR
Nickel, Total	0.06767		mg/l	0.00200	0.00055	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Potassium, Total	8.67		mg/l	0.100	0.0309	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Selenium, Total	0.00350	J	mg/l	0.00500	0.00173	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Sodium, Total	23.3		mg/l	0.100	0.0293	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Vanadium, Total	0.03064		mg/l	0.00500	0.00157	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Zinc, Total	0.07005		mg/l	0.01000	0.00341	1	10/31/22 10:50	11/02/22 22:15	EPA 3005A	1,6020B	SV
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0795		mg/l	0.0100	0.00327	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Arsenic, Dissolved	0.00059		mg/l	0.00050	0.00016	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Barium, Dissolved	0.02760		mg/l	0.00050	0.00017	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-03
Client ID: TWP_DUP
Sample Location: QUEENS, NY
Sample Depth:
Matrix: Water

Date Collected: 10/28/22 14:40
Date Received: 10/28/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00010	J	mg/l	0.00020	0.00005	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Calcium, Dissolved	23.3		mg/l	0.100	0.0394	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Chromium, Dissolved	0.00044	J	mg/l	0.00100	0.00017	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Cobalt, Dissolved	0.00096		mg/l	0.00050	0.00016	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Copper, Dissolved	0.00118		mg/l	0.00100	0.00038	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Iron, Dissolved	0.155		mg/l	0.0500	0.0191	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Magnesium, Dissolved	6.51		mg/l	0.0700	0.0242	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Manganese, Dissolved	0.9121		mg/l	0.00100	0.00044	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/31/22 14:20	10/31/22 22:13	EPA 7470A	1,7470A	ZK
Nickel, Dissolved	0.00791		mg/l	0.00200	0.00055	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Potassium, Dissolved	5.98		mg/l	0.100	0.0309	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Sodium, Dissolved	20.6		mg/l	0.100	0.0293	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/31/22 12:41	11/02/22 22:35	EPA 3005A	1,6020B	SV

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-04
Client ID: SB12_23-25
Sample Location: QUEENS, NY
Date Collected: 10/28/22 10:28
Date Received: 10/28/22
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	6100		mg/kg	8.93	2.41	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.47	0.340	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.56		mg/kg	0.893	0.186	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Barium, Total	38.8		mg/kg	0.893	0.155	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.365	J	mg/kg	0.447	0.030	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Cadmium, Total	0.170	J	mg/kg	0.893	0.088	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Calcium, Total	554		mg/kg	8.93	3.13	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Chromium, Total	20.9		mg/kg	0.893	0.086	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Cobalt, Total	5.74		mg/kg	1.79	0.148	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Copper, Total	12.9		mg/kg	0.893	0.230	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Iron, Total	14400		mg/kg	4.47	0.807	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Lead, Total	3.94	J	mg/kg	4.47	0.239	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Magnesium, Total	1780		mg/kg	8.93	1.38	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Manganese, Total	298		mg/kg	0.893	0.142	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.073	0.048	1	11/01/22 12:35	11/01/22 19:13	EPA 7471B	1,7471B	ZK
Nickel, Total	11.2		mg/kg	2.23	0.216	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Potassium, Total	968		mg/kg	223	12.9	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Selenium, Total	0.481	J	mg/kg	1.79	0.230	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.447	0.253	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Sodium, Total	91.2	J	mg/kg	179	2.81	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.79	0.281	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Vanadium, Total	23.2		mg/kg	0.893	0.181	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB
Zinc, Total	25.7		mg/kg	4.47	0.262	2	11/01/22 07:50	11/01/22 14:53	EPA 3050B	1,6010D	DMB

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-05
Client ID: 20221028_FB
Sample Location: QUEENS, NY
Sample Depth:
Matrix: Water

Date Collected: 10/28/22 14:40
Date Received: 10/28/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/31/22 10:50	11/03/22 09:23	EPA 3005A	1,6020B	SV
Barium, Total	0.00019	J	mg/l	0.00050	0.00017	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Calcium, Total	0.0565	J	mg/l	0.100	0.0394	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Iron, Total	0.0210	J	mg/l	0.0500	0.0191	1	10/31/22 10:50	11/03/22 09:23	EPA 3005A	1,6020B	SV
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/01/22 03:12	11/01/22 22:23	EPA 7470A	1,7470A	DJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Sodium, Total	0.309		mg/l	0.100	0.0293	1	10/31/22 10:50	11/03/22 09:23	EPA 3005A	1,6020B	SV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/31/22 10:50	11/02/22 22:20	EPA 3005A	1,6020B	SV
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-05
Client ID: 20221028_FB
Sample Location: QUEENS, NY
Date Collected: 10/28/22 14:40
Date Received: 10/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Calcium, Dissolved	0.0537	J	mg/l	0.100	0.0394	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/31/22 14:20	10/31/22 22:17	EPA 7470A	1,7470A	ZK
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Sodium, Dissolved	0.317		mg/l	0.100	0.0293	1	10/31/22 12:41	11/03/22 09:18	EPA 3005A	1,6020B	SV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/31/22 12:41	11/02/22 23:14	EPA 3005A	1,6020B	SV

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

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 Batch: WG1705916-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Antimony, Total	0.00065	J	mg/l	0.00400	0.00042	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/30/22 13:33	11/02/22 12:36	1,6020B	SV

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1705918-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/30/22 14:28	10/30/22 17:42	1,7470A	TAA

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 04 Batch: WG1705919-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Antimony, Total	ND		mg/kg	2.00	0.152	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Barium, Total	ND		mg/kg	0.400	0.070	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Calcium, Total	38.7		mg/kg	4.00	1.40	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Chromium, Total	ND		mg/kg	0.400	0.038	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Copper, Total	ND		mg/kg	0.400	0.103	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Iron, Total	0.362	J	mg/kg	2.00	0.361	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Lead, Total	ND		mg/kg	2.00	0.107	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Magnesium, Total	0.679	J	mg/kg	4.00	0.616	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Manganese, Total	ND		mg/kg	0.400	0.064	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Nickel, Total	ND		mg/kg	1.00	0.097	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Potassium, Total	ND		mg/kg	100	5.76	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Selenium, Total	ND		mg/kg	0.800	0.103	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Silver, Total	ND		mg/kg	0.200	0.113	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Sodium, Total	2.17	J	mg/kg	80.0	1.26	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Thallium, Total	ND		mg/kg	0.800	0.126	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB
Zinc, Total	0.365	J	mg/kg	2.00	0.117	1	11/01/22 07:50	11/01/22 11:51	1,6010D	DMB

Prep Information

Digestion Method: EPA 3050B

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

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): 04 Batch: WG1705920-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	11/01/22 12:35	11/01/22 18:03	1,7471B	ZK

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): 01-03,05 Batch: WG1706075-1										
Aluminum, Dissolved	0.00336	J	mg/l	0.0100	0.00327	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Antimony, Dissolved	0.00061	J	mg/l	0.00400	0.00042	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Copper, Dissolved	0.00047	J	mg/l	0.00100	0.00038	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/31/22 12:41	11/02/22 11:30	1,6020B	SV

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

Method Blank Analysis
Batch Quality Control

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): 01-03,05 Batch: WG1706076-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/31/22 14:20	10/31/22 20:38	1,7470A	ZK

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): 02-03,05 Batch: WG1706077-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV

Project Name: 16-63 CODY AVENUE **Lab Number:** L2260690

Project Number: 101015501 **Report Date:** 11/03/22

Method Blank Analysis
Batch Quality Control

Vanadium, Total	ND	mg/l	0.00500	0.00157	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV
Zinc, Total	ND	mg/l	0.01000	0.00341	1	10/31/22 10:50	11/02/22 12:42	1,6020B	SV

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): 02-03,05 Batch: WG1706360-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/01/22 03:12	11/01/22 20:43	1,7470A	DJR

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1705916-2								
Aluminum, Total	110		-		80-120	-		
Antimony, Total	93		-		80-120	-		
Arsenic, Total	106		-		80-120	-		
Barium, Total	103		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	104		-		80-120	-		
Calcium, Total	100		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Cobalt, Total	101		-		80-120	-		
Copper, Total	104		-		80-120	-		
Iron, Total	107		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	106		-		80-120	-		
Nickel, Total	105		-		80-120	-		
Potassium, Total	102		-		80-120	-		
Selenium, Total	105		-		80-120	-		
Silver, Total	102		-		80-120	-		
Sodium, Total	99		-		80-120	-		
Thallium, Total	99		-		80-120	-		
Vanadium, Total	104		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1705916-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1705918-2					
Mercury, Total	100	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04 Batch: WG1705919-2 SRM Lot Number: D113-540					
Aluminum, Total	82	-	51-149	-	
Antimony, Total	174	-	20-250	-	
Arsenic, Total	98	-	70-130	-	
Barium, Total	93	-	75-125	-	
Beryllium, Total	96	-	75-125	-	
Cadmium, Total	102	-	75-125	-	
Calcium, Total	96	-	73-128	-	
Chromium, Total	96	-	70-130	-	
Cobalt, Total	99	-	75-125	-	
Copper, Total	99	-	75-125	-	
Iron, Total	106	-	36-164	-	
Lead, Total	96	-	72-128	-	
Magnesium, Total	87	-	63-138	-	
Manganese, Total	97	-	77-123	-	
Nickel, Total	103	-	70-130	-	
Potassium, Total	89	-	59-141	-	
Selenium, Total	103	-	66-134	-	
Silver, Total	101	-	70-131	-	
Sodium, Total	92	-	35-164	-	
Thallium, Total	106	-	70-130	-	
Vanadium, Total	100	-	74-126	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04 Batch: WG1705919-2 SRM Lot Number: D113-540					
Zinc, Total	98	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 04 Batch: WG1705920-2 SRM Lot Number: D113-540					
Mercury, Total	89	-	60-140	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 Batch: WG1706075-2					
Aluminum, Dissolved	108	-	80-120	-	
Antimony, Dissolved	93	-	80-120	-	
Arsenic, Dissolved	104	-	80-120	-	
Barium, Dissolved	103	-	80-120	-	
Beryllium, Dissolved	108	-	80-120	-	
Cadmium, Dissolved	104	-	80-120	-	
Calcium, Dissolved	97	-	80-120	-	
Chromium, Dissolved	99	-	80-120	-	
Cobalt, Dissolved	99	-	80-120	-	
Copper, Dissolved	103	-	80-120	-	
Iron, Dissolved	112	-	80-120	-	
Lead, Dissolved	101	-	80-120	-	
Magnesium, Dissolved	102	-	80-120	-	
Manganese, Dissolved	101	-	80-120	-	
Nickel, Dissolved	102	-	80-120	-	
Potassium, Dissolved	100	-	80-120	-	
Selenium, Dissolved	102	-	80-120	-	
Silver, Dissolved	103	-	80-120	-	
Sodium, Dissolved	98	-	80-120	-	
Thallium, Dissolved	98	-	80-120	-	
Vanadium, Dissolved	101	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 Batch: WG1706075-2					
Zinc, Dissolved	98	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 Batch: WG1706076-2					
Mercury, Dissolved	95	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-03,05 Batch: WG1706077-2					
Aluminum, Total	106	-	80-120	-	
Antimony, Total	94	-	80-120	-	
Arsenic, Total	106	-	80-120	-	
Barium, Total	102	-	80-120	-	
Beryllium, Total	101	-	80-120	-	
Cadmium, Total	104	-	80-120	-	
Calcium, Total	96	-	80-120	-	
Chromium, Total	99	-	80-120	-	
Cobalt, Total	96	-	80-120	-	
Copper, Total	101	-	80-120	-	
Iron, Total	100	-	80-120	-	
Lead, Total	101	-	80-120	-	
Magnesium, Total	102	-	80-120	-	
Manganese, Total	100	-	80-120	-	
Nickel, Total	101	-	80-120	-	
Potassium, Total	102	-	80-120	-	
Selenium, Total	102	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	99	-	80-120	-	
Thallium, Total	96	-	80-120	-	
Vanadium, Total	102	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-03,05 Batch: WG1706077-2					
Zinc, Total	97	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02-03,05 Batch: WG1706360-2					
Mercury, Total	90	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

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 QC Batch ID: WG1705916-3 QC Sample: L2259796-01 Client ID: MS Sample												
Aluminum, Total	0.035	2	2.20	108		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.4925	98		-	-		75-125	-		20
Arsenic, Total	0.00485	0.12	0.1331	107		-	-		75-125	-		20
Barium, Total	0.0893	2	2.169	104		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05298	106		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05568	105		-	-		75-125	-		20
Calcium, Total	106	10	114	80		-	-		75-125	-		20
Chromium, Total	0.0003J	0.2	0.2033	102		-	-		75-125	-		20
Cobalt, Total	0.0006	0.5	0.4962	99		-	-		75-125	-		20
Copper, Total	0.0009J	0.25	0.2655	106		-	-		75-125	-		20
Iron, Total	5.61	1	6.85	124		-	-		75-125	-		20
Lead, Total	0.0004J	0.53	0.5313	100		-	-		75-125	-		20
Magnesium, Total	15.6	10	25.5	99		-	-		75-125	-		20
Manganese, Total	0.4195	0.5	0.9332	103		-	-		75-125	-		20
Nickel, Total	0.0021	0.5	0.5262	105		-	-		75-125	-		20
Potassium, Total	10.3	10	20.0	97		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.122	102		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05077	102		-	-		75-125	-		20
Sodium, Total	19.1	10	27.8	87		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1174	98		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.5129	102		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

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 QC Batch ID: WG1705916-3 QC Sample: L2259796-01 Client ID: MS Sample									
Zinc, Total	0.0154	0.5	0.5144	100	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1705918-3 QC Sample: L2260533-01 Client ID: MS Sample									
Mercury, Total	0.00032	0.005	0.00449	83	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

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): 04 QC Batch ID: WG1705919-3 QC Sample: L2260454-01 Client ID: MS Sample										
Aluminum, Total	940	154	1320	**247**	Q	-	-	75-125	-	20
Antimony, Total	0.529J	38.5	41.5	108		-	-	75-125	-	20
Arsenic, Total	ND	9.23	6.26	**68**	Q	-	-	75-125	-	20
Barium, Total	2.05	154	164	105		-	-	75-125	-	20
Beryllium, Total	ND	3.85	3.32	86		-	-	75-125	-	20
Cadmium, Total	0.113J	4.08	4.09	100		-	-	75-125	-	20
Calcium, Total	166000	769	171000	**650**	Q	-	-	75-125	-	20
Chromium, Total	0.676	15.4	14.0	87		-	-	75-125	-	20
Cobalt, Total	ND	38.5	35.6	92		-	-	75-125	-	20
Copper, Total	0.379J	19.2	20.0	104		-	-	75-125	-	20
Iron, Total	325	76.9	434	**142**	Q	-	-	75-125	-	20
Lead, Total	2.62	40.8	39.2	90		-	-	75-125	-	20
Magnesium, Total	1540	769	2130	77		-	-	75-125	-	20
Manganese, Total	11.9	38.5	50.0	99		-	-	75-125	-	20
Nickel, Total	0.889J	38.5	39.4	102		-	-	75-125	-	20
Potassium, Total	84.5J	769	985	**128**	Q	-	-	75-125	-	20
Selenium, Total	ND	9.23	8.61	93		-	-	75-125	-	20
Silver, Total	ND	23.1	25.4	110		-	-	75-125	-	20
Sodium, Total	485	769	1360	114		-	-	75-125	-	20
Thallium, Total	0.377J	9.23	8.54	92		-	-	75-125	-	20
Vanadium, Total	0.204J	38.5	37.0	96		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

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): 04 QC Batch ID: WG1705919-3 QC Sample: L2260454-01 Client ID: MS Sample									
Zinc, Total	7.01	38.5	48.0	106	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1705920-3 QC Sample: L2260454-01 Client ID: MS Sample									
Mercury, Total	ND	1.25	1.25	100	-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

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): 01-03,05 QC Batch ID: WG1706075-3 WG1706075-4 QC Sample: L2259870-04 Client ID: MS Sample										
Aluminum, Dissolved	0.0302	2	2.25	111	2.12	104		75-125	6	20
Antimony, Dissolved	0.00059J	0.5	0.4091	82	0.4185	84		75-125	2	20
Arsenic, Dissolved	0.00083	0.12	0.1299	108	0.1218	101		75-125	6	20
Barium, Dissolved	0.06469	2	2.190	106	2.068	100		75-125	6	20
Beryllium, Dissolved	ND	0.05	0.05295	106	0.04980	100		75-125	6	20
Cadmium, Dissolved	ND	0.053	0.05654	107	0.05284	100		75-125	7	20
Calcium, Dissolved	40.0	10	51.5	115	47.4	**74**	Q	75-125	8	20
Chromium, Dissolved	0.00024J	0.2	0.2080	104	0.1921	96		75-125	8	20
Cobalt, Dissolved	0.00236	0.5	0.5121	102	0.4736	94		75-125	8	20
Copper, Dissolved	0.00075J	0.25	0.2688	108	0.2472	99		75-125	8	20
Iron, Dissolved	1.13	1	2.24	111	2.06	93		75-125	8	20
Lead, Dissolved	ND	0.53	0.5421	102	0.5093	96		75-125	6	20
Magnesium, Dissolved	7.86	10	18.6	107	17.4	95		75-125	7	20
Manganese, Dissolved	1.025	0.5	1.582	111	1.469	89		75-125	7	20
Nickel, Dissolved	0.00427	0.5	0.5328	106	0.4976	99		75-125	7	20
Potassium, Dissolved	4.82	10	15.6	108	14.2	94		75-125	9	20
Selenium, Dissolved	0.00192J	0.12	0.129	108	0.123	102		75-125	5	20
Silver, Dissolved	ND	0.05	0.05257	105	0.04968	99		75-125	6	20
Sodium, Dissolved	32.7	10	42.9	102	39.8	**71**	Q	75-125	7	20
Thallium, Dissolved	ND	0.12	0.1214	101	0.1136	95		75-125	7	20
Vanadium, Dissolved	ND	0.5	0.5306	106	0.4890	98		75-125	8	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

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): 01-03,05 QC Batch ID: WG1706075-3 WG1706075-4 QC Sample: L2259870-04 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.5135	103	0.4772	95	75-125	7	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1706076-3 WG1706076-4 QC Sample: L2259870-04 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00534	107	0.00504	101	75-125	6	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

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): 02-03,05 QC Batch ID: WG1706077-3 WG1706077-4 QC Sample: L2259870-04 Client ID: MS Sample											
Aluminum, Total	1.10	2	3.83	**136**	Q	3.91	**140**	Q	75-125	2	20
Antimony, Total	0.00068J	0.5	0.4714	94		0.4452	89		75-125	6	20
Arsenic, Total	0.00151	0.12	0.1318	108		0.1244	102		75-125	6	20
Barium, Total	0.07690	2	2.188	106		2.090	101		75-125	5	20
Beryllium, Total	ND	0.05	0.05342	107		0.05652	113		75-125	6	20
Cadmium, Total	0.00007J	0.053	0.05579	105		0.05423	102		75-125	3	20
Calcium, Total	39.6	10	51.8	122		49.2	96		75-125	5	20
Chromium, Total	0.00328	0.2	0.2092	103		0.1994	98		75-125	5	20
Cobalt, Total	0.00338	0.5	0.4991	99		0.4779	95		75-125	4	20
Copper, Total	0.00326	0.25	0.2626	104		0.2539	100		75-125	3	20
Iron, Total	2.61	1	4.08	**147**	Q	4.16	**155**	Q	75-125	2	20
Lead, Total	0.00918	0.53	0.5496	102		0.5302	98		75-125	4	20
Magnesium, Total	8.26	10	19.3	110		18.6	103		75-125	4	20
Manganese, Total	1.129	0.5	1.719	118		1.623	99		75-125	6	20
Nickel, Total	0.00747	0.5	0.5364	106		0.5114	101		75-125	5	20
Potassium, Total	4.78	10	15.8	110		14.7	99		75-125	7	20
Selenium, Total	0.00225J	0.12	0.130	108		0.125	104		75-125	4	20
Silver, Total	ND	0.05	0.05235	105		0.05017	100		75-125	4	20
Sodium, Total	31.3	10	42.0	107		39.7	84		75-125	6	20
Thallium, Total	ND	0.12	0.1211	101		0.1173	98		75-125	3	20
Vanadium, Total	0.00357J	0.5	0.5216	104		0.5077	102		75-125	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 16-63 CODY AVENUE
Project Number: 101015501
Lab Number: L2260690
Report Date: 11/03/22

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): 02-03,05 QC Batch ID: WG1706077-3 WG1706077-4 QC Sample: L2259870-04 Client ID: MS Sample									
Zinc, Total	0.00666J	0.5	0.5094	102	0.4994	100	75-125	2	20
Total Metals - Mansfield Lab Associated sample(s): 02-03,05 QC Batch ID: WG1706360-3 WG1706360-4 QC Sample: L2259870-04 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00429	86	0.00422	84	75-125	2	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 16-63 CODY AVENUE

Project Number: 101015501

Lab Number: L2260690

Report Date: 11/03/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1705916-4 QC Sample: L2259796-01 Client ID: DUP Sample						
Arsenic, Total	0.00485	0.00506	mg/l	4		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1705918-4 QC Sample: L2260533-01 Client ID: DUP Sample						
Mercury, Total	0.00032	0.00020	mg/l	**46**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1705919-4 QC Sample: L2260454-01 Client ID: DUP Sample						
Barium, Total	2.05	2.26	mg/kg	10		20
Cadmium, Total	0.113J	0.194J	mg/kg	NC		20
Chromium, Total	0.676	0.659	mg/kg	3		20
Lead, Total	2.62	3.04	mg/kg	15		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1705919-4 QC Sample: L2260454-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1705920-4 QC Sample: L2260454-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

SAMPLE RESULTS

Lab ID: L2260690-04
Client ID: SB12_23-25
Sample Location: QUEENS, NY

Date Collected: 10/28/22 10:28
Date Received: 10/28/22
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	87.1		%	0.100	NA	1	-	10/31/22 12:57	121,2540G	WM

Lab Duplicate Analysis

Batch Quality Control

Project Name: 16-63 CODY AVENUE

Project Number: 101015501

Lab Number: L2260690

Report Date: 11/03/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1706272-1 QC Sample: L2260450-01 Client ID: DUP Sample						
Solids, Total	99.0	99.3	%	0		20

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

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(*)
L2260690-01A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2260690-01B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2260690-01C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2260690-01D	Plastic 250ml unpreserved	A	5	5	2.3	Y	Absent		-
L2260690-01E	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		BA-6020T(180),FE-6020T(180),TL-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2260690-01F	Amber 250ml unpreserved	A	5	5	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2260690-01G	Amber 250ml unpreserved	A	5	5	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2260690-01X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		V-6020S(180),SE-6020S(180),CU-6020S(180),K-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),BA-6020S(180),NI-6020S(180),NA-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2260690-02A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2260690-02B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2260690-02C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2260690-02D	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2260690-02E	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2260690-02F	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2260690-02G	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2260690-02X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		V-6020S(180),K-6020S(180),CU-6020S(180),SE-6020S(180),MN-6020S(180),MG-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),PB-6020S(180),TL-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2260690-03A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2260690-03B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2260690-03C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2260690-03D	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2260690-03E	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-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),MG-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2260690-03F	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2260690-03G	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2260690-03X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		SE-6020S(180),CU-6020S(180),V-6020S(180),K-6020S(180),MN-6020S(180),ZN-6020S(180),MG-6020S(180),BE-6020S(180),CO-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),TL-6020S(180),BA-6020S(180),NA-6020S(180),PB-6020S(180),NI-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2260690-04A	Vial MeOH preserved	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2260690-04B	Vial water preserved	A	NA		2.3	Y	Absent	29-OCT-22 06:36	NYTCL-8260HLW(14)
L2260690-04C	Vial water preserved	A	NA		2.3	Y	Absent	29-OCT-22 06:36	NYTCL-8260HLW(14)
L2260690-04D	Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2260690-04E	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7)
L2260690-05A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2260690-05B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2260690-05C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2260690-05D	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2260690-05E	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		SE-6020T(180),TL-6020T(180),FE-6020T(180),BA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),MG-6020T(180),HG-T(28),CO-6020T(180)
L2260690-05F	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2260690-05G	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: 16-63 CODY AVENUE
Project Number: 101015501

Lab Number: L2260690
Report Date: 11/03/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2260690-05X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		SE-6020S(180),V-6020S(180),K-6020S(180),CU-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),ZN-6020S(180),MG-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),NI-6020S(180),NA-6020S(180),TL-6020S(180),BA-6020S(180),PB-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2260690-06A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2260690-06B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2260690
Project Number:	101015501	**Report Date:**	11/03/22

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2260690
Project Number:	101015501	**Report Date:**	11/03/22

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.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2260690
Project Number:	101015501	**Report Date:**	11/03/22

Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	16-63 CODY AVENUE	**Lab Number:**	L2260690
Project Number:	101015501	**Report Date:**	11/03/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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 1

Date Rec'd in Lab: 10/29/22

ALPHA Job #: L2260690

Client Information
Client: LANGAN ENGINEERING
Address: 300 KIMBALL DR
PARSIPPANY NJ 07054
Phone: 973-560-4900
Fax: —
Email: lkotto@langan.com

Project Information
Project Name: 16-63 CODY AVENUE
Project Location: QUEENS NY
Project #: 101015501
(Use Project name as Project #) ☐
Project Manager: LAUREN KOTT / BEN RAO
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date: VOCs on Rush 3-day
Rush (only if pre approved) ☑ # of Days: Remainder on 5-7day

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other NJ REDUCED

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:
VOCs requested on Rush 3-day TAT (Excluding TRIP BLANK + FIELD Blank
Remainder of analyses on 5-7 day TAT

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	VOCs*	SVOCs	Metals	Dissolved Metals					Sample Specific Comments	Total Bottle
L601690-01	TWP07_20221028	10/28/22	1230	GW	MY	X	X	X	X					*VOCs requested on	7
02	TWP10_20221028		1430	GW	MY	X	X	X	X					3-day Rush TAT	7
03	TWP_DUP		1410	GW	MY	X	X	X	X					Remainder on	7
04	SB12_23-25		1028	S	Silt	X	X	X						Standard 5-7Day	6
05	20221028_FB		1540	AQ	MY	X	X	X	X					TAT.	7
06	20221028_TB		—	AQ	—	X								*TB & FB VOC	2
														analysis not	
														requested on 3-day	
														TAT.	

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	V	A	G	P				
Preservative	B	A	C	C				

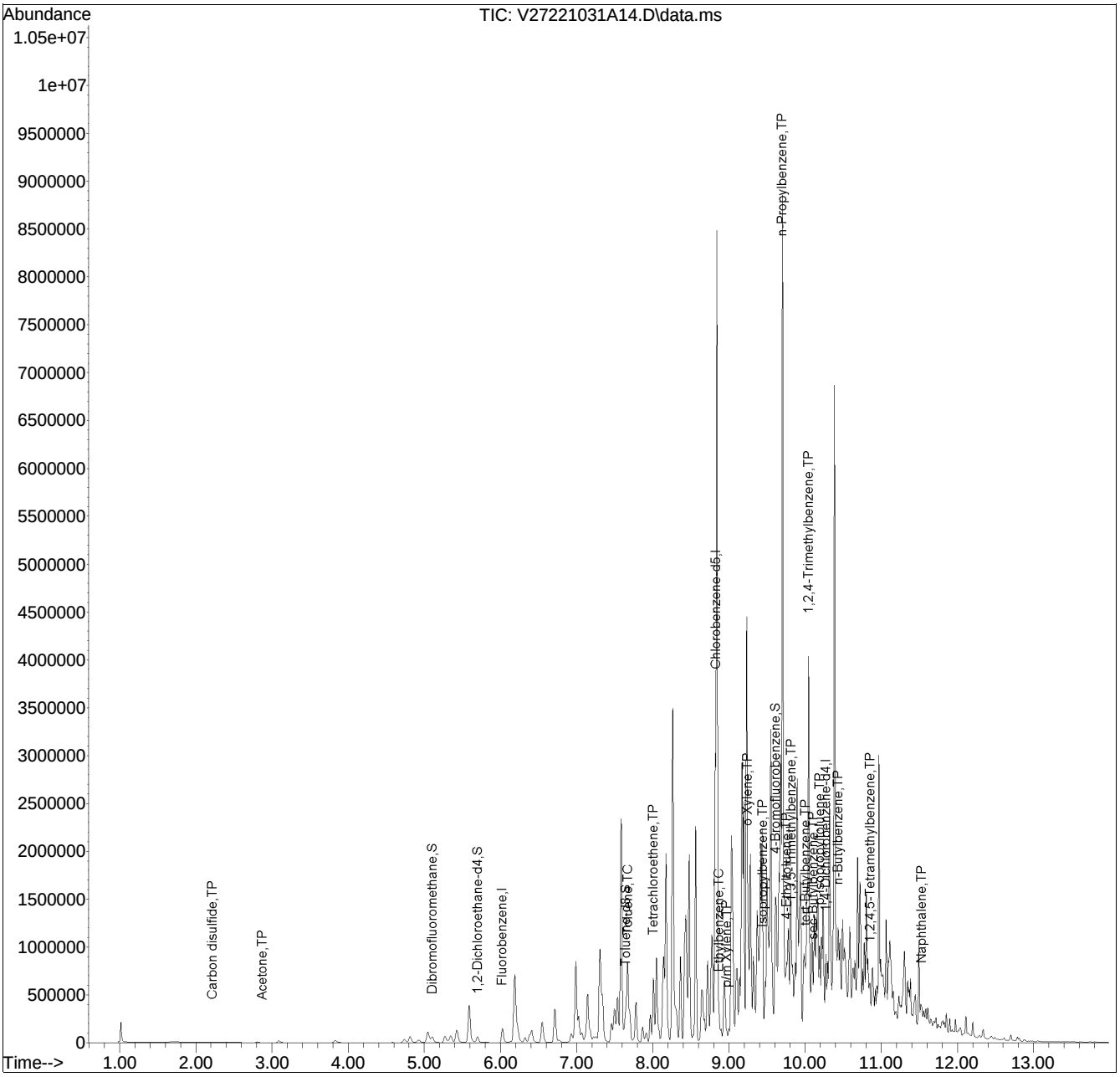
Relinquished By:	Date/Time	Received By:	Date/Time
(Langan)	10/28/22 1530		10/28/22 1530
	10/28/22 19:55		10/28/22 2100
	10.29.22	EFAAL	10/29/22 0020
EFAAL	10/29/22 0150		10/29/22 0150

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)

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA127\2022\221031A\
Data File : V27221031A14.D
Acq On : 31 Oct 2022 11:32 am
Operator : VOA127:MKS
Sample : L2260690-04D,31H,7.79,5,0.05,,A,R1C
Misc : WG1706741,ICAL19419
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 01 13:22:39 2022
Quant Method : I:\VOLATILES\VOA127\2022\221031A\V127_221020N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 21 13:17:54 2022
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox21031A\V27221031A01.D•