

12-02 38th Avenue

QUEENS, NEW YORK

Subsurface (Phase II) Investigation

AKRF Project Number: 170178

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1.0 INTRODUCTION

AKRF, Inc. (AKRF) conducted a Subsurface (Phase II) Investigation of the property located at 12-02 38th Avenue (also identified as Tax Block 472, Lot 646) in the Long Island City neighborhood of Queens, New York (the Site). The Site is also identified as 38-21 12th Street. The approximately 70,200-square-foot (SF) Site comprised three one-story buildings and two partially covered parking lots. The Site was occupied by commercial and industrial businesses including: a pipe fitting shop, two leased commercial parking lots, Amadeus Marble and Granite Manufacturing, a carpentry shop, and Nutropia (commercial kitchen). A storage space and vacant shop (former metal works) were also located on the Site. The Site location is provided in Figure 1.

The scope of work included the advancement of 24 soil borings with the collection and laboratory analysis of 30 soil samples; the collection of two sediment samples from an on-site trench system; the installation of 10 temporary wells with the collection and laboratory analysis of 10 groundwater samples; and the installation of 11 temporary soil vapor points with the collection of 11 soil vapor samples and one ambient air quality sample. This report describes the methods and results of the investigation.

2.0 SITE BACKGROUND

2.1 Site Characterization

The 70,200-SF Site comprised three one-story buildings (constructed circa 1936) and two partially covered parking lots. The Site was occupied by commercial and industrial businesses including: a pipe fitting shop, two leased commercial parking lots, Amadeus Marble and Granite Manufacturing, a carpentry shop, and Nutropia (commercial kitchen). A storage space and vacant shop (former metal works) were also located on the Site. The Site building located in the southern portion of the Site was constructed with one basement level, and the remaining buildings were constructed at-grade. The location of the basement is identified on Figure 2.

Based on the U.S. Geological Survey–Central Park, New York 2011 Quadrangle map, the Property is approximately 15 feet above the North American Datum of 1988 (an approximation of mean sea level). Soil borings, which were advanced between 10 and 15 feet below sidewalk grade across the Site, encountered historic fill material (sand, silt, coal ash, gravel, concrete, brick, plastic, and/or glass) underlain by brown sand or silty-sand and gravel.

Groundwater was encountered at the Site during this investigation between approximately 8 and 10 feet below sidewalk grade, and is expected to flow in a southwesterly direction towards the East River, approximately 0.3 miles away. Groundwater depth and flow may be affected by other factors including past pumping and/or subsurface obstructions such as sewer pipes and/or subway tunnels. Groundwater in this part of Queens is not used as a source of potable water.

The proposed future Site use is a New York City Department of Transportation (NYC DOT) facility.

2.2 Previous Environmental Investigations

AKRF is aware of two previous environmental investigations conducted on the Site:

- Phase I Environmental Site Assessment (ESA), completed by Ecosystems Strategies, Inc. in August 2013.
- Phase I Environmental Site Assessment (ESA), completed by AKRF in July 2017.

A summary of AKRF's Phase I ESA is presented below.

Phase I ESA

AKRF completed a Phase I ESA of the Site (dated July 2017), which identified the following recognized environmental conditions (RECs):

- Chemical use and storage were observed in the Amadeus Marble and Granite facility located in the central portion of the Site. Stored chemicals in the facility included paint, industrial glues, acetone, lubricant oils, kerosene, and various household cleaners. Acetone use was observed during the inspection as part of marble fabrication activities in the Amadeus Marble and Granite facility in the central portion of the Site. A sludge-like mix of water and marble cuttings, potentially mixed with acetone and/or other chemicals, was observed in trench drains in the facility floors. The trench drains were observed to run underneath a large roll-top door and into the adjacent parking lot, where they ultimately discharged into a catch basin. The sludge-like marble cuttings and a chemical-like odor were noted inside the facility and around the exterior catch basin. Discharge of this material to on-site drains and to a catch basin could have affected the subsurface of the Site and is considered a REC.
- A review of the city directory database and Historical Sanborn maps identified current and historical commercial, industrial, and automotive uses, including a wood working facility, a scaffolding manufacturing and repair facility, and a metal workshop with a garage and a gasoline tank. The Site was listed in the RCRA Generators and Historic Generators databases for generation of solid wastes, and in the NY Manifest database for the off-site transport of lead and ignitable waste. Historical gasoline storage, hazardous material generation, and use of the Site as a wood working and metal manufacturing facility may have affected the Site subsurface and are considered RECs.
- Regulatory database records identified one 1,500-gallon No. 2 fuel oil underground storage tank (UST) that was closed and removed in September 2005, and one 550-gallon UST that was closed-in-place prior to March 1991. In addition, a gasoline UST was identified on historical Sanborn maps of the Site. A previous Phase I ESA conducted at the Site in 2013, indicated the presence of a fuel oil UST, but noted the location of the tank is unknown. A closed-status spill from November 1987 [New York Department of Environmental Conservation (NYSDEC) Spill No. 8706722], which was potentially associated with the 1,500-gallon UST, was listed in the New York Spills database. Records indicated that the spill was related to a tank test failure; however, the spill was closed in February 1994. A 250-gallon fuel oil AST was observed in the southeastern corner of the Site. The aboveground storage tank (AST) was located in one of the vacant former metal working shops, resting atop a vault covered with distressed plywood. Dark stains were noted underneath the AST and throughout the concrete floor accompanied by strong petroleum odors. A suspect vent pipe was observed on the sidewalk of the exterior portion of the warehouse along 13th Street. An Environmental Control Board violation was identified in the New York City Department of Buildings (NYCDOB) electronic records related to failure to maintain the elevator on the Site. The listing indicated that the main piston leaked oil in the elevator pit and on the floor. Documented and/or undocumented releases from the current/former tanks, and/or from the elevator, may have affected the Site subsurface and are considered a REC.
- A complaint listed in the NYCDOB electronic records for the Site stated "water run-off containing cleaning product from the south-adjacent laundromat facility was entering the Site." KTR Laundry & Dry Cleaning/Midnight Express Service, which was located south-adjacent to the Site, was listed in the RCRA database several times between 1999 and 2007

for generation and/or off-site transport of spent halogenated solvents. One written, informal violation was noted for the facility in August 2000. This facility was also listed in the NY Drycleaners database, and EDR Historic Cleaners database. The discharge of liquids potentially containing chlorinated solvents onto the Site from dry cleaning operations on an adjacent facility may have affected the subsurface of the Site and is considered a REC.

- A review of the historical city directory database and Sanborn maps identified numerous industrial, manufacturing and automotive uses on adjacent and surrounding properties between 1898 and 2014. Uses on adjacent properties and blocks included: an automobile junk yard on the north-adjacent block; a filling station with a gasoline tank on the northeast-adjacent block; a metal sheeting facility, machine shop, macaroni factory, plaster works facility, and pressing facility on the northwest-adjacent block; a sand and gravel works, a clothing manufacturing facility, an auto car wash facility, a filling station, a paper mill, and a cardboard mill on the east-adjacent block; a scaffolding manufacturer, and steel welder and manufacturer on the west-adjacent block; and a plastic manufacturing facility, an electric plating facility, and a possible wrecking facility to the south. Other surrounding property uses included: metal works, roofing, electro plating works, laundry, dry cleaning, marble works, paper manufacturing, laboratories, plastics manufacturing, auto body, and auto repair. Historic automotive, industrial, and/or automotive uses on adjacent and surrounding properties may have affected the Site subsurface and are considered RECs.
- Regulatory database records identified 11 open spills in the NY Spills database located at 38th Avenue and 40th Avenue, between 11th Street and 21st Street, which is between approximately 300 and 500 feet east of the Site. All the spills, which were reported between May 1989 and August 2014, were related to dielectric fluid leaks from Consolidated Edison feeder cables, and the spill volumes ranged from 2,000 to 13,200 gallons. Investigations were performed on individual spills that included partial soil excavations, but further investigation was required to determine the full extent of the contamination. All of the spills are currently open and were reportedly re-assigned to the NYSDEC Remediation Section in December 2016 for further investigation. Based on the listing details, distance and inferred groundwater flow direction, these spills may have affected the subsurface of the Site and are considered RECs.

AKRF recommended that prior to acquiring the Site, a subsurface (Phase II) investigation, including the collection of soil, groundwater and soil vapor samples, be performed on the Site.

3.0 FIELD ACTIVITIES

The Phase II field activities were conducted on May 22 through 24, and June 9, 2017. Field activities included the advancement of 24 soil borings with the collection and laboratory analysis of 30 soil samples; the collection of two sediment samples from an on-site trench system; the installation of 10 temporary wells with the collection and laboratory analysis of 10 groundwater samples; and the installation of 11 temporary soil vapor points with the collection of 11 soil vapor samples and one ambient air quality sample. This report describes the methods and results of the investigation. Sample locations are shown on Figure 2.

3.1 Soil Sampling

Soil borings were advanced using a track-mounted, Geoprobe® mobile drilling rig by Cascade Drilling, L.P. (CASCADE) at the locations noted on Figure 2. Soil cores advanced from borings SB/MW/SV-2 and SB-10 (located within the basement) and were collected using 3-foot long, 2-inch diameter stainless steel macrocore piston rod samplers fitted with an internal acetate liner. The remaining soil cores were collected from the borings (located at sidewalk grade) using 5-foot long, 2-inch diameter stainless steel macrocore piston rod samplers fitted with an internal acetate liner. Soil was field-screened using a photoionization detector (PID), which measures relative concentrations of volatile organic compounds (VOCs) and was calibrated at the start of the work day with 100 parts per million (ppm) isobutylene standard gas. At each boring location, AKRF field personnel recorded and documented subsurface conditions. The boring locations are presented on Figure 2, and soil boring logs are provided in Appendix A.

Twenty-four soil borings were advanced across the Site, in two mobilizations. Borings SB/MW/SV-1 through SB/MW/SV-7 and SB-8 through SB-17 were advanced and sampled between May 22 and 24, 2017, during the initial investigation of Site. Borings SB/MW/SV-1, SB/MW/SV-3, SB/MW/SV-4, SB/MW/SV-6, SB/MW/SV-7, SB-9, and SB-11 through SB-24 were advanced from sidewalk grade to approximately 10 feet below sidewalk grade; boring SB/MW/SV-5 was advanced from sidewalk grade to approximately 15 feet below sidewalk grade to investigate petroleum-like odors and staining noted at the capillary fringe; and borings SB/MW/SV-2 and SB-10 were advanced to 9 feet below basement grade. The remaining borings were advanced on June 9, 2017 as part of a supplemental investigation. Borings SB/MW/SV-18 through SB/MW/SV-21 were advanced and sampled around boring SB/MW/SV-3 (located in the central portion of the Site) to delineate the extent of chlorinated VOC (CVOC) contamination detected in soil vapor and groundwater samples collected at that location. Borings SB-22 through SB-24 were advanced and sampled around boring SB/MW/SV-4 (located in the northwestern portion of the Site) to delineate the extent of high lead concentrations detected in a soil sample collected from that location.

Two soil samples each were collected from borings SB/MW-SV-1 and SB/MW/SV-3 through SB/MW/SV-7. One sample was collected from a shallow interval between 0 and 2 feet below grade, and a second at the 2-foot interval at the capillary fringe, for laboratory analysis. A second sample for SB/MW/SV-2 was not taken because the groundwater table was 1 foot below the basement slab. One soil sample each was collected from the remaining borings at the 2-foot interval at the capillary fringe, for laboratory analysis. Soil samples were collected using dedicated sampling equipment, placed into laboratory-supplied containers within a chilled cooler, and submitted via courier to York Analytical Laboratories of Stratford, CT (York), or TestAmerica of Edison, NJ (TestAmerica). Both are New York State Environmental Laboratory Approval Program (ELAP)-certified laboratories. Soil samples were collected and analyzed for one or more of the following the analytes: VOCs using EPA Method 8260, semi volatile organic

compounds (SVOCs) by EPA Method 8270, pesticides by EPA Method 8081, polychlorinated biphenyls (PCBs) by EPA Method 8082, and/or Target Analyte List (TAL) metals (6000/7000 series). A summary of the soil samples collected from each boring is presented as Table 1.

3.2 Groundwater Sample Collection and Analysis

A total of 11 temporary groundwater monitoring wells were installed and sampled at the Site, during two mobilizations, at the locations shown on Figure 2. Borings SB/MW/SV-1 through SB/MW/SV-7 were installed and sampled between May 22 and 24, 2017, during the initial investigation of Site. The seven initial boring locations were biased towards areas that exhibited evidence of potential contamination and to provide site-wide assessment of groundwater quality. Borings SB/MW/SV-18 through SB/MW/SV-21 were installed and sampled on June 9, 2017 around boring SB/MW/SV-3 (located in the central portion of the Site) to delineate the extent of CVOC contamination detected in soil vapor and groundwater samples collected at that location.

The temporary wells consisted of 1-inch diameter polyvinyl chloride (PVC) with a 10-foot slotted-screen interval. The wells were installed with the screen interval crossing the water table. Following sample collection, the wells were removed and the locations were backfilled to the surface.

Prior to sampling, the temporary wells were purged of three well volumes using a peristaltic pump. Once purging was completed, groundwater samples were collected in laboratory-issued sample containers, stored in an ice-filled cooler to maintain a temperature of 4 °C, and delivered under chain-of-custody control by courier to either York or TestAmerica. The samples were collected and analyzed for one or more of the following the analytes: VOCs using EPA Method 8260, SVOCs by EPA Method 8270, pesticides by EPA Method 8081, PCBs by EPA Method 8082, and/or dissolved and total TAL metals (6000/7000 series). A summary of the groundwater samples collected from each temporary well location is presented as Table 1. The groundwater sampling logs are included in Appendix B.

3.3 Soil Vapor and Indoor Air Quality Sample Collection and Analysis

A total of 11 sub-slab soil vapor sampling points were installed at the Site, during two mobilizations, at the locations shown on Figure 2. Borings SB/MW/SV-1 through SB/MW/SV-7 were installed and sampled between May 22 and 24, 2017, during the initial investigation of Site. Borings SB/MW/SV-18 through SB/MW/SV-21 were installed and sampled on June 9, 2017 around boring location SB/MW/SV-3 to delineate the extent of CVOC contamination detected in soil vapor and groundwater samples collected at that location. The sampling points were installed beneath Site grade or building slab (depending on location) by CASCADE using a track-mounted, Geoprobe® mobile drilling rig. The 0.75-inch diameter probe consisted of an expendable 6-inch long stainless steel screened drive point, which was installed to a depth of approximately 5 feet below sidewalk grade in SB/MW/SV-1, SB/MW/SV-3 through SB/MW/SV-7, and SB/MW/SV-18 through SB/MW/SV-21; and 8 inches below slab in SB/MW/SV-2. Dedicated Teflon tubing with threaded fittings was connected to the probe. The boring was backfilled with clean silica sand and a layer of hydrated bentonite to fill around the tubing to grade/basement slab to provide a seal ensuring the collection of a representative sample and prevent short-circuiting of ambient air into the vapor sampling point.

Prior to sampling, each soil vapor point was purged of three sampler volumes using an SKC® air pump. During purging, an inverted one-gallon bucket was placed over the sampling point and helium gas was introduced through a small hole in the bucket to saturate the atmosphere around the sample port with helium gas. The purged vapors were collected into a Tedlar bag and

monitored using a portable helium detector to check for short-circuiting of ambient air into the vapor sampling point and to verify the adequacy of the bentonite seal. Helium concentrations of less than 10 percent were considered sufficient to verify a tight seal. All soil vapor points passed the seal integrity tests with helium readings of 0.0 ppm. Purged vapors were also field-screened for organic vapors using a PID. After purging, the tubing was connected to a laboratory-supplied 6-liter SUMMA canister equipped with a flow regulator. One soil vapor sample was paired with 6-liter SUMMA canisters for collection of an ambient air sample. The samples were each collected over a one-hour period, and the samples were analyzed for VOCs by EPA Method TO-15. The soil vapor and indoor air quality sampling logs are included in Appendix C.

3.4 Field Observations

Soil Sampling

Historic fill material (sand, silt, gravel, concrete, brick, plastic, and/or glass) was observed from sidewalk grade to between approximately 8.5 and 10 feet below sidewalk grade. Historical fill material observed between 5 and 10 feet below sidewalk grade also contained variable quantities of coal ash. Historic fill was underlain by brown sand or silty-sand, and gravel. PID readings ranged from non-detect (ND) to 450 ppm. While elevated PID readings can be indicative of petroleum contamination, the high humidity on-site and a potential mechanical malfunction of the PID could be the cause of elevated readings. The PID was exchanged, after which readings did not exceed 20 ppm.

Evidence of petroleum contamination (e.g. odors, staining, and elevated PID readings) was observed in one soil boring, SB/MW-SV-5. Laboratory results for soil and groundwater samples (VOCs and SVOCs) collected from this location indicated the presence of petroleum; as a result, a petroleum spill was reported to the NYSDEC Spill Hotline. The spill was assigned NYSDEC Spill. No.1702829. Results of the field screening data are provided on the soil boring logs in Appendix A.

Groundwater

Groundwater was observed between 8.5 and 9.9 feet below sidewalk grade on-site. Evidence of petroleum contamination (e.g., odors and sheen) was observed during sampling of temporary well SB/MW/SV-5.

Soil Vapor/Ambient Air Sampling

VOCs readings detected in the purged vapor from the soil vapor sampling points ranged between ND and 28.3 ppm. Field logs of the soil vapor purging, and soil vapor and indoor air quality sampling are included in Appendix B.

4.0 LABORATORY ANALYTICAL RESULTS

Soil sample laboratory analytical results were compared to the NYSDEC 6 NYCRR Part 375 Remedial Program Soil Cleanup Objectives (SCOs) for Unrestricted Use (USCOs) for soil management purposes and Commercial Use (CSCOs), which would be a more appropriate comparison criterion for the anticipated property use. Soil descriptions, observations, and PID readings were recorded on the soil boring logs provided in Appendix A. Laboratory analytical data sheets are included in Appendix D.

4.1 Soil Analytical Results

Thirty soil samples were collected for laboratory analysis with results compared to the USCOs and CSCOs. Results are summarized below:

VOCs

One or more of eight VOCs were detected at concentrations above USCOs in six of the soil samples analyzed [SB-4(8-9)-20170522, SB-5(11-12)-20170523, SB-11(7-8)-20170522, SB-12(8-9)-20170523, SB-22(8-9)-20170609, and SB-23(9-10)-20170609]. The compounds 1,2,4-trimethylbenzene [maximum (max.) 300 milligrams per kilogram (mg/kg)], 1,3,5-trimethylbenzene (max. 110 mg/kg), benzene (max. 190 mg/kg), acetone (max. 0.93 mg/kg), ethyl benzene (max. 110 mg/kg), n-propylbenzene (22 mg/kg), total xylenes (max. 1,440 mg/kg), and toluene (max. 960 mg/kg) were detected in exceedance of their respective USCOs. Four of these VOCs were also detected at concentrations above the CSCOs in two of the soil samples analyzed [SB-4(8-9)-20170522 and SB-22(8-9)-20170609]. Trace concentrations (below USCOs and CSCOs) of 2-butanone, carbon tetrachloride, chloroform, methylene chloride, n-butylbenzene, p-isopropyltoluene, styrene, cis-1,2-dichloroethylene, isopropylbenzene, methyl tert-butyl ether (MTBE), 1,1,1-trichloroethane, tetrachloroethylene (PCE), and trichloroethylene (TCE) were detected in one of more of the samples. Soil analytical results for VOCs are presented in Table 2.

SVOCs

Variable concentrations of one or more of 25 SVOCs were detected in 30 of the 32 soil samples analyzed. One or more of 13 SVOCs were detected at concentrations above the USCOs in the soil samples. Acenaphthene (max. 59.9 mg/kg), anthracene (max. 215 mg/kg), benzo(a)anthracene (max. 219 mg/kg), benzo(a)pyrene (max. 165 mg/kg), benzo(b)fluoranthene (max. 97.7 mg/kg), benzo(k)fluoranthene (max. 84.4 mg/kg), chrysene (max. 243 mg/kg), dibenzo(a,h)anthracene (max. 34.3 mg/kg), fluorene (max. 55.9 mg/kg), indeno(1,2,3-cd)pyrene (max. 48.6 mg/kg), naphthalene (max. 360 mg/kg), phenanthrene (max. 183 mg/kg), and pyrene (max. 117 mg/kg) were detected at concentrations above USCOs in one or more of 14 soil samples. Seven of these SVOCs were also detected at concentrations above the CSCOs in the one or more of soil samples: SB-2(0.5-1)-20170524, SB-3(8-9)-20170522, SB-4(8-9)-20170522, SB-5(11-12)-20170523, SB-6(8-9)-20170523, SB-9(8-9)-20170522, SB-11(7-8)-20170522, SB-18(8-9)-20170609, SB-21(8-9)-20170609, SB-22(8-9)-20170609, and SB-23(9-10)-20170609.

The detected concentrations of polyaromatic hydrocarbons (PAHs) in sample SB-5(11-12) 20170523, along with field observations, were indicative of a petroleum spill at this location. A spill was reported to NYSDEC as summarized in Section 3.4 of this report. Soil analytical results for SVOCs are presented in Table 3.

Metals

Twenty-two metals were detected at variable concentrations in all of the soil samples analyzed. Nine metals were detected at concentrations above their respective USCOs in one or more of 22

of the soil samples analyzed. Arsenic (max. 124 mg/kg), barium (max. 2,300 mg/kg), cadmium (max. 3.2 mg/kg), copper (max. 841 mg/kg), lead (max. 8,580 mg/kg), mercury (max. 3.49 mg/kg), nickel (max. 121 mg/kg), selenium (max. 126 mg/kg), and zinc (max. 1,870 mg/kg). Five of the metals were detected at concentrations above their respective CSCOs in one or more of the soil samples SB-2 (0.5-1)-20170524, SB-4 (4-5)-20170522, SB-9 (8-9)-20170522, SB-11 (7-8)-20170522, SB-14(7-8)-20170523, SB-22(8-9)-20170609, and SB-23(9-10)-20170609. Soil analytical results for Metals are presented in Table 4.

PCBs and Pesticides

PCBs and pesticides and were not detected above laboratory reporting limits in any of the soil samples. Soil analytical results for PCBs and pesticides are presented in Table 5.

4.2 Sediment Sampling Results

Two sediment samples were collected for laboratory analysis with results compared to the CSCOs. Results are summarized below:

VOCs

Variable concentrations of 13 VOCs were detected in one or both of the sediment samples. The detected concentrations of acetone exceeded the USCOs in sediment samples SS-1-20170522 and SS-2-20170524 (0.95 mg/kg and 0.098 mg/kg, respectively), and the detected concentration of xylenes (0.44 mg/kg) exceeded the USCO in sample SS-1-20170522. Sediment analytical results for VOCs are presented in Table 2.

SVOCs

Trace concentrations (below USCOs and CSCOs) of eight SVOCs were detected in one or both of the sediment samples. Sediment analytical results for SVOCs are presented in Table 3.

Metals

Variable concentrations of 17 metals were detected in both of the sediment samples. The detected concentrations of chromium (max. 30.3 mg/kg), copper (max. 200 mg/kg), nickel (121 mg/kg), and zinc (max. 199 mg/kg) exceeded the USCOs in one or both of the sediment samples analyzed. Sediment analytical results for metals are presented in Table 4.

4.3 Groundwater Sampling Results

Ten samples were collected for laboratory analysis with results compared to NYSDEC Class GA Ambient Water Quality Standards (drinking water standards), although groundwater is not used as a source of potable water in this part of Queens. Results are summarized below:

VOCs

A total 26 VOCs were detected at variable concentrations in one or more of the groundwater samples analyzed. Twelve VOCs were detected at concentrations that exceeded the Class GA standards in one or more of the groundwater samples analyzed, including 1,1,1-trichloroethane (max. 120 µg/L), 1,1-dichloroethane (max. 7.7 µg/L), 1,2,4-trimethylbenzene (max. 29 µg/L), 1,3,5-trimethylbenzene (max. 14 µg/L), benzene (max. 2.2 µg/L), carbon tetrachloride (max. 1,400 µg/L), chloroform (max. 400 µg/L), cis-1,2-dichloroethylene (max 5.8 µg/L), p- & m-xylenes (max. 24 µg/L), o-xylenes (max. 18 µg/L), toluene (7.9 µg/L), and TCE (max. 5.2 µg/L). Groundwater sample analytical results for VOCs are presented in Table 6.

SVOCs

Twenty-one SVOCs were detected at variable concentrations in one or more of the groundwater samples analyzed. Eight SVOCs were detected at concentrations that exceeded the Class GA standards in one or more of the groundwater samples analyzed, including 1,1-biphenyl (max. 9.73 µg/L), benzo(a)anthracene (max. 6.02 µg/L), benzo(a)pyrene (max. 5.41 µg/L), benzo(b)fluoranthene (max. 2.39 µg/L), benzo(k)fluoranthene (max. 3.46 µg/L), chrysene (max. 6.49 µg/L), indeno(1,2,3-cd)pyrene (max. 1.61 µg/L), and naphthalene (max. 132 µg/L).

The detections of PAHs in sample MW-5-20170523, along with the VOCs detected in this groundwater sample and the staining and odors noted in soil at this location, were indicative of a petroleum spill at this location. A spill was reported to NYSDEC as summarized in Section 3.4 of this report. Groundwater analytical results for SVOCs are presented in Table 7.

Metals

Four metals and three dissolved metals were detected at concentrations that exceeded the Class GA standards in one or more of the groundwater samples analyzed, including iron (max. 13,300 µg/L total and 8,260 µg/L dissolved), lead (max. 46.30 µg/L total), manganese (max. 1,960 µg/L total and 1,610 µg/L dissolved), and sodium (max. 146,000 µg/L total and 175,000 µg/L dissolved). Variable concentrations of up to 17 metals were detected in all groundwater samples. Groundwater analytical results for metals are presented in Table 8.

PCBs and Pesticides

PCBs and pesticides were not detected above laboratory reporting limits in the groundwater samples. Groundwater analytical results for PCBs and pesticides are presented in Table 9.

4.4 Soil Vapor and Ambient Air Quality Sampling Results

Eleven soil vapor samples and one ambient air quality sample were collected and analyzed for VOCs. The results of the soil vapor and ambient air quality samples were compared to the New York State Department of Health (NYSDOH) Air Guideline Values (AGVs). NYSDOH has established AGVs for indoor air to provide the basis for mitigation or monitoring of the VOC compounds methylene chloride, PCE and TCE. Methylene chloride was not detected in any of the soil vapor samples, but was detected at a trace concentration below the AGV in the ambient air sample (AA-1-20170522). PCE was detected in four of the soil vapor samples (SV-1-20170524, SV-2-2017524, SV-3-20170522, and SV-5-20170524) and in the ambient air sample (AA-1-20170522). The detection of PCE in sample SV-3-20170522 (430 µg/m³) was above the AGV of 30 µg/m³, and the concentration in the ambient air quality sample (AA-1-20170522) was 14 µg/m³. TCE was not detected in any of the soil vapor samples, but was in the ambient air sample at a concentration below the AGV.

The CVOC compounds 1,1,1-trichloroethane, 1,1-dichloroethene, chloroform, and carbon tetrachloride were detected at variable concentrations in one or more of the soil vapor samples. Acetone was also detected in eight of the soil vapor samples and in the ambient air sample.

One or more of the compounds benzene, ethyl benzene, xylenes, and toluene (known collectively as BTEX) were detected at variable concentrations in all of the soil vapor samples and in the ambient air quality sample. Soil vapor analytical results for VOCs are presented in Table 10.

5.0 CONCLUSIONS AND RECOMMENDATIONS

AKRF conducted a Subsurface (Phase II) Investigation of the property located at 12-02 38th Avenue (also identified as Tax Block 472, Lot 646) in the Long Island City neighborhood of Queens, New York (the Site). The approximately 70,200-square-foot (SF) Site comprised three one-story buildings and two partially covered parking lots. The Site was occupied by commercial and industrial businesses including: a pipe fitting shop, two leased commercial parking lots, Amadeus Marble and Granite Manufacturing, a carpentry shop, and Nutropia (commercial kitchen). A storage space and vacant shop (former metal works) were also located on the Site. The scope of work included the advancement of 24 soil borings with the collection and laboratory analysis of 30 soil samples; the collection of 2 sediment samples from an on-site stormwater trench system; the installation of 10 temporary wells with the collection and laboratory analysis of 10 groundwater samples; and the installation of 11 temporary soil vapor points with the collection of 11 soil vapor samples and one ambient air quality sample.

This report describes the methods and results of the investigation. The following conclusions and recommendations are based upon the findings described above, but are subject to the Limitations and Soil Disposal Issues described in Sections 6.0 and 7.0, respectively.

Conclusions

- Historic fill material (sand, silt, gravel, concrete, brick, plastic, and/or glass) was observed from sidewalk grade to between approximately 8.5 and 10 feet below sidewalk grade. Historical fill material observed between 5 and 10 feet below sidewalk grade also contained variable quantities of coal ash. Historic fill was underlain by brown sand or silty-sand, and gravel.
- Evidence of petroleum contamination (e.g. odors, staining and elevated PID readings) was observed in one soil boring, SB/MW/SV-5. Laboratory results (VOCs and SVOCs) for soil and groundwater samples collected from this location indicated the presence of petroleum; as a result, a petroleum spill was reported to the NYSDEC Spill Hotline. The spill was assigned NYSDEC Spill. No.1702829.
- The VOCs 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, acetone, ethyl benzene, n-propylbenzene, total xylenes, and toluene were detected in exceedance of their respective USCOs in six of the soil samples analyzed [SB-4(8-9)-20170522, SB-5(11-12)-20170523, SB-11(7-8)-20170522, SB-12(8-9)-20170523, SB-22(8-9)-20170609, and SB-23(9-10)-20170609].
- The PAHs acenaphthene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene were detected at concentrations above the USCOs in one or more of soil samples: SB-2(0.5-1)-20170524, SB-3(1-2)-20170522, SB-3(8-9)-20170522, SB-4(8-9)-20170522, SB-5(11-12)-20170523, SB-6(8-9)-20170523, SB-9(8-9)-20170522, SB-11(7-8)-20170522, SB-12(8-9)-20170523, SB-16(8-9)-20170523, SB-18(8-9)-20170609, SB-21(8-9)-20170609, SB-22(8-9)-20170609, and SB-23(9-10)-20170609. PAHs are commonly associated with historic fill and petroleum contamination. The detections are likely attributable to the fill material (except in SB/MW/SV-5 where a petroleum spill was identified), which commonly contain elevated concentrations of SVOCs, particularly PAHs.
- The metals arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium, and zinc were detected above USCOs in one or more of 22 of the soil samples collected across the Site. Generally, the detections are likely attributable to historic fill. Three detections of lead in samples SB-2 (0.5-1)-20170524, SB-4 (4-5)-20170522, and SB-14(7-8)-20170523 were at concentrations potentially indicative of hazardous materials.

- PCBs and pesticides were not detected above laboratory reporting limits in the soil or groundwater samples.
- The VOCs acetone and total xylenes were detected above the USCOs in one or both of the sediment samples. Trace concentrations (below USCOs and CSOCs) of eight SVOCs were detected in one or both of the sediment samples. The metals chromium, copper, nickel, and zinc were detected above the USCOs in one or both of the sediment samples. The detections of VOCs and SVOCs are likely related to the industrial operations at the Site.
- The VOCs 1,1,1-trichloroethane, 1,1-dichloroethene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, carbon tetrachloride, chloroform, cis-1,2-dichloroethylene, p- & m-xylenes, o-xylenes, toluene, and TCE were detected at concentrations that exceeded the NYSDEC Class GA Ambient Standards in one or more of the groundwater samples analyzed. The detections of 1,1,1-trichloroethane, 1,1-dichloroethane, chloroform, and/or carbon tetrachloride in samples MW-3-20170522, MW-18-20170609, and MW-21-20170609 are potentially related to on-site operations at the Amadeus Marble and Granite Manufacturing facility (located in the central portion of the Site). The concentrations of BTEX compounds in MW-5-20170523 are indicative of a petroleum spill at this location.
- Eight SVOCs (1,1-biphenyl, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene, and naphthalene) were detected in groundwater samples above their respective NYSDEC Class GA Ambient Standard. Additional SVOCs were detected at trace concentrations below their respective Class GA standards. With the exception of samples collected from monitoring wells MW-4 and MW-5, these findings are likely attributable to entrained sediment from the fill materials and not necessarily indicative of an on-site release.
- Four metals (iron, lead, manganese, and sodium) had detections in groundwater samples above their respective NYSDEC Class GA Ambient Standard. Additional metals were detected at trace concentrations below their respective Class GA Ambient Standards. These findings are likely attributable to the fill materials and are not indicative of an on-site release.
- PCE was detected in one soil vapor sample, SV-3-20170523 at a concentration of 430 $\mu\text{g}/\text{m}^3$, which exceeded the NYSDOH AGV. Other CVOC detections included 1,1-dichloroethene, 1,1,1-trichloroethane, chloroform, and carbon tetrachloride. In addition, acetone was detected in soil vapor in the central portion of the Site. The detected CVOCs, acetone, and other VOCs, may be attributable to on-site operations at the Amadeus Marble and Granite Manufacturing facility, as well as other historic on-site and/or off-site sources.

Recommendations

- The investigation identified subsurface contamination that warrants remediation for the following areas of concern at the Site:
 - VOCs, SVOCs, and metals contaminated soil, and to a lesser extent groundwater, in the northwest portion of the Site;
 - Chlorinated and non-chlorinated VOCs primarily in groundwater and soil vapor in the central portion of the Site; and
 - Petroleum-related VOCs and SVOCs in soil, and to a lesser extent groundwater, in the southeastern portion of the Site (for the reported spill).

A remedial plan should be developed for the above areas of concern in accordance with NYSDEC and/or New York City Office of Environmental Remediation (NYCOER) requirements to address affected soil, groundwater, and soil vapor. The remedial plan should incorporate soil and water management, health and safety, and community air monitoring requirements during site-wide remedial activities as well as any future development activities. In addition, the plan should incorporate appropriate institutional and engineering controls to protect future occupants and the surrounding public following the remedial and development activities.

- If soil is encountered during any redevelopment activities, it will include fill material containing VOCs, SVOCs, and/or metals. Lead detections in samples SB-2 (0.5-1)-20170524, SB-4 (4-5)-20170522, and SB-14 (7-8)-20170523 are potentially indicative of hazardous material at these boring locations and could be found elsewhere at the Site. Any soil or fill excavated as part of future Site development activities should be managed in accordance with applicable regulations. All material intended for off-site disposal should be tested in accordance with the requirements of the intended receiving facility. Transportation of all soil leaving for off-site disposal should be in accordance with requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc. Excavation may reveal different or more significant soil contamination in areas not tested as part of this investigation. If discovered, such contamination could require further investigation and/or remediation in accordance with applicable regulations.

6.0 LIMITATIONS

The findings set forth in this report are strictly limited in scope and time to the date of the evaluation described herein. The conclusions and recommendations presented in the report are based solely on the services and any limitations described in this report.

This report may contain conclusions that are based on the analysis of data collected at the time and locations noted in the report through intrusive or non-intrusive sampling. However, further investigation might reveal additional data or variations of the current data, which may differ from our understanding of the conditions as presented in this report, and may require the enclosed recommendations to be reevaluated or modified.

Chemical analyses may have been performed for specific parameters during the course of this investigation, as summarized in the text and tables. It should be noted that additional chemical constituents, not searched for during this investigation, may be present at the Site. Due to the nature of the investigation and the limited data available, no warranty, expressed or implied, shall be construed with respect to undiscovered liabilities. The presence of biological hazards, radioactive materials, lead-based paint and asbestos-containing materials was not investigated, unless specified in the report.

Interpretations of the data, including comparison to regulatory standards, guidelines or background values, are not opinions that these comparisons are legally applicable. Furthermore, any conclusions or recommendations should not be construed as legal advice. For such advice, the client is recommended to seek appropriate legal counsel. Disturbance, handling, transportation, storage and disposal of known or potentially contaminated materials is subject to all applicable laws, which may or may not be fully described as part of this report.

The analytical data, conclusions, and/or recommendations provided in this report should not be construed in any way as a comprehensive classification of waste that may be generated during future disturbance of the project Site. Waste(s) generated at the Site including excess fill may be considered regulated solid waste and potentially hazardous waste. Requirements for intended disposal facilities should be determined beforehand as the data provided in this report may be insufficient and could vary following additional sampling.

This report may be based solely or partially on data collected, conducted, and provided by, AKRF and/or others. No warranty is expressed or implied by usage of such data. Such data may be included in other investigation reports or documentation. In addition, these reports may have been based upon available previous reports, historical records, and documentation from federal, state and local government agencies, personal interviews, and geological mapping. This report is subject, at a minimum, to the limitations of the previous reports, historical documents, availability and accuracy of collected documentation, and personal recollection of those persons interviewed. In certain instances, AKRF has been required to assume that the information provided is accurate with limited or no corroboratory evidence.

This report is intended for the use solely by TF Cornerstone, Inc. Reliance by third parties on the information and opinions contained herein are strictly prohibited and requires the written consent of AKRF. AKRF accepts no responsibility for damages incurred by third parties for any decisions or actions taken based on this report. This report must be used, interpreted, and presented in its entirety.

7.0 SOIL DISPOSAL ISSUES

In addition to the discussions in the Conclusions, Recommendations, and Limitations Sections (Sections 5.0 and 6.0), the issue of appropriate management of off-site disposal of soil warrants careful consideration. Any material being disposed of off-site is a regulated waste, and disposal must be in accordance with:

- Requirements of the specific receiving facility;
- Requirements of any agencies overseeing the cleanup/excavation; and
- Federal, state and/or city requirements (sometimes in both the state where the soil is generated and where disposal will occur).

For hazardous wastes and petroleum-contaminated soil (and other ‘clearly contaminated’ materials), the requirements are usually fairly well defined. It is in the situation where contamination is not readily apparent (e.g., so called “historic or urban fill” or “construction and demolition debris” or material that may have been formerly identified as “clean fill”) that present the greatest potential for problems and cost overruns. Even on sites where no contamination requiring remediation is identified, it is common that most of the excavated material is considered “contaminated” for purposes of waste disposal. Concentrations of the various contaminants in historic fill can be highly variable, and upon further testing, the material could contain higher contaminant concentrations than outlined in this investigation. Portions of this material could be classified as hazardous waste.

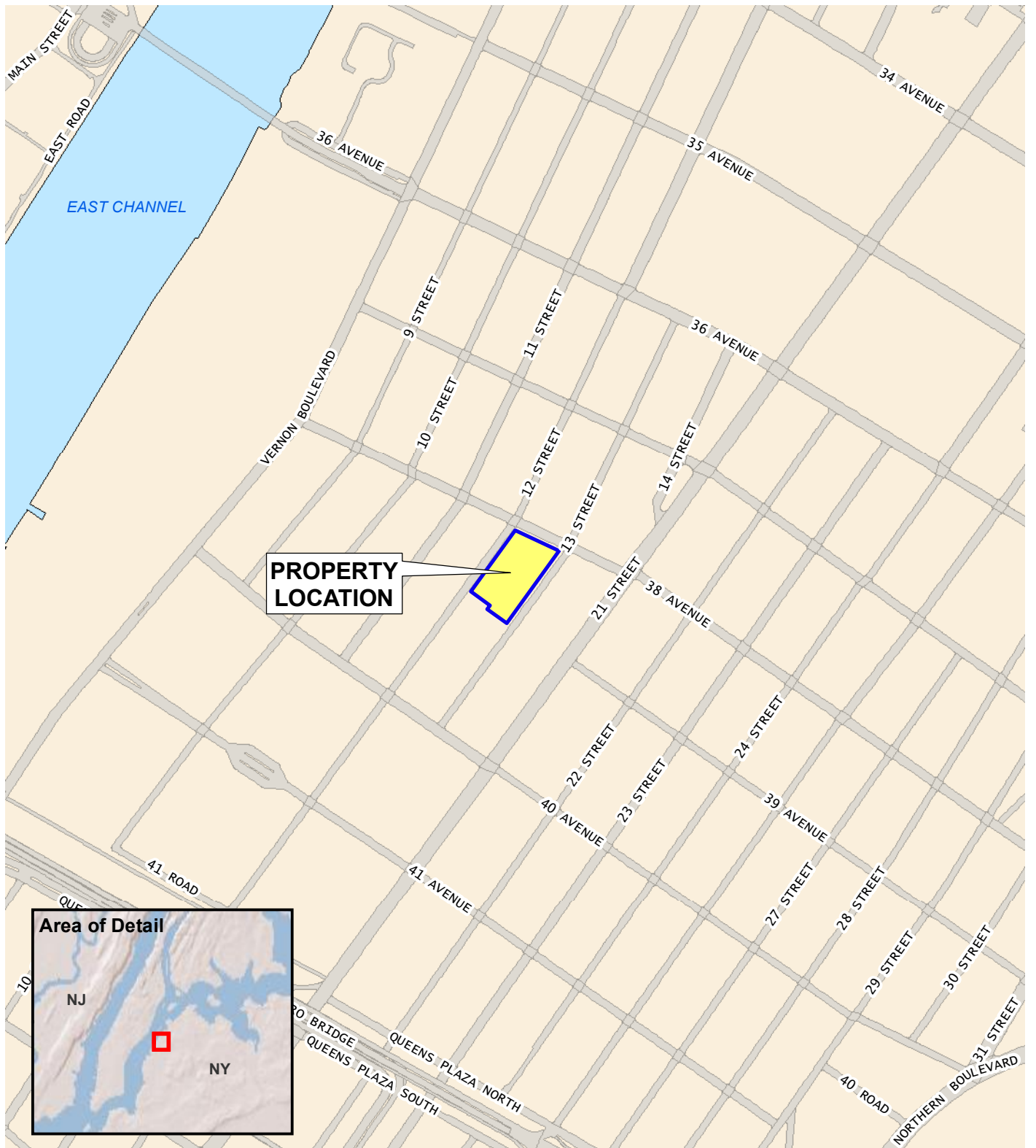
It is important that the intended disposal facility (or facilities) be identified in advance of off-site disposal. Agency approval is sometimes required for disposal, and the facility will frequently require additional testing prior to (and sometimes at the time of) accepting material. Material must conform to a lengthy list of requirements based on both chemical composition and sometimes numerous other parameters (related to size, percentage of liquids, presence of odors, etc.) for acceptance at the facility. Assuming (or allowing a contractor to assume) that all, or even most, of the soil from a Site can be disposed of at minimal cost may result in unanticipated and expensive change orders.

For these reasons, we recommend that professional advice be sought prior to preparing bid documents and contracts incorporating soil disposal.

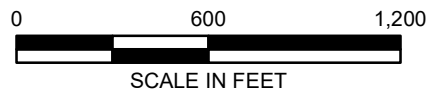
8.0 REFERENCES

1. 6 NYCRR Part 375 Soil Cleanup Objectives (SCOs) For Residential Use, December 14, 2006.
2. U.S. Geological Survey; *Central Park Quadrangle*, 7.5 minute Series (Topographic); Scale 1:24,000, 2011.
3. Ecosystems Strategies, Inc., Phase I Environmental Site Assessment, 12-02 38th Avenue, August 2013.
4. AKRF, Inc., Phase I Environmental Site Assessment, 12-02 38th Avenue, July 2017.
5. U.S. Geological Survey, *Ground Water in Bronx, New York, and Richmond Counties with Summary Data on Kings and Queens Counties, New York City, New York*, Bulletin GW-32, 1953.
6. U.S. Geological Survey, Open Files Report 89-462; Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and New York Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey, Sheet 3 - Bedrock Contours and Outcrops, 1990.
7. New York State Department of Health, *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, October 2006.

FIGURES



Map Source: USGS Topo base map service from The National Map



440 Park Avenue South, New York, NY 10016

12-02 38th Avenue
Queens, New York

PROPERTY LOCATION

DATE

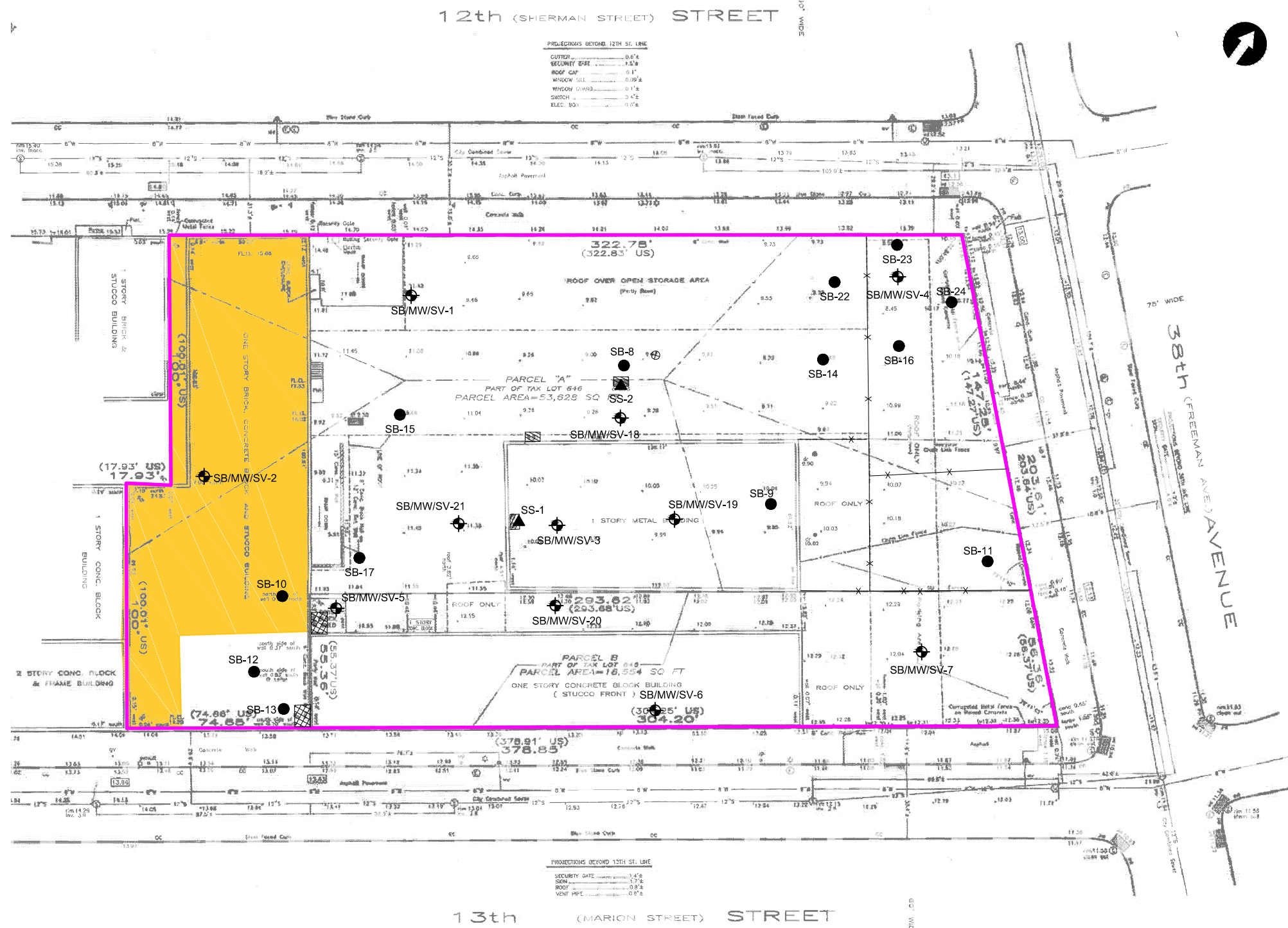
7/11/2017

PROJECT NO.

170178

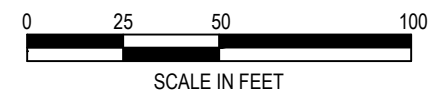
FIGURE

1



SOURCE:
Based on Land Survey at Block 472 Lot 646
Prepared by Montrose Surveying Co., LLP.
August 2013

LEGEND			
	PROJECT SITE BOUNDARY		SOIL BORING
	BASEMENT		SOIL BORING/MONITORING WELL/SOIL VAPOR POINT
	AST/POSSIBLE UST		SEDIMENT SAMPLE
	STORM DRAIN		AST ABOVEGROUND STORAGE TANK
	TRENCH DRAIN		UST UNDERGROUND STORAGE TANK
	FENCE		



12-02 38th Avenue
Queens, New York

DATE
7/11/2017

PROJECT NO.
170178

FIGURE
2



440 Park Avenue South, New York, NY 10016

SITE PLAN AND SAMPLE LOCATION MAP

TABLES

Table 1
 12-02 38th Avenue
 Long Island City, New York
Subsurface (Phase II) Investigation Sampling Summary

Location ID	Soil	Groundwater	Soil Vapor
SB/MW/SV-1	2 samples: VOCs, SVOCs, Metals, PCBs, and Pesticides	VOCs, SVOCs, Metals (filtered and unfiltered), PCBs, and Pesticides	VOCs
SB/MW/SV-2	2 samples: VOCs, SVOCs, Metals, PCBs, and Pesticides	VOCs, SVOCs, Metals (filtered and unfiltered), PCBs, and Pesticides	VOCs
SB/MW/SV-3	2 samples: VOCs, SVOCs, Metals, PCBs, and Pesticides	VOCs, SVOCs, Metals (filtered and unfiltered), PCBs, and Pesticides	VOCs
SB/MW/SV-4	2 samples: VOCs, SVOCs, Metals, PCBs, and Pesticides	VOCs, SVOCs, Metals (filtered and unfiltered), PCBs, and Pesticides	VOCs
SB/MW/SV-5	2 samples: VOCs, SVOCs, Metals, PCBs, and Pesticides	VOCs, SVOCs, Metals (filtered and unfiltered), PCBs, and Pesticides	VOCs
SB/MW/SV-6	2 samples: VOCs, SVOCs, Metals, PCBs, and Pesticides	VOCs, SVOCs, Metals (filtered and unfiltered), PCBs, and Pesticides	VOCs
SB/MW/SV-7	2 samples: VOCs, SVOCs, Metals, PCBs, and Pesticides	VOCs, SVOCs, Metals (filtered and unfiltered), PCBs, and Pesticides	VOCs
SB-8	1 sample: VOCs, SVOCs-BN, Metals	N/A	N/A
SB-9	1 sample: VOCs, SVOCs-BN, Metals	N/A	N/A
SB-10	1 sample: VOCs, SVOCs-BN, Metals	N/A	N/A
SB-11	1 sample: VOCs, SVOCs-BN, Metals	N/A	N/A
SB-12	1 sample: VOCs, SVOCs-BN, Metals	N/A	N/A
SB-13	1 sample: VOCs, SVOCs-BN, Metals	N/A	N/A
SB-14	1 sample: VOCs, SVOCs-BN, Metals	N/A	N/A

Table 1
 12-02 38th Avenue
 Long Island City, New York
Subsurface (Phase II) Investigation Sampling Summary

Location ID	Soil	Groundwater	Soil Vapor
SB-15	1 sample: VOCs, SVOCs-BN, Metals	N/A	N/A
SB-16	1 sample: VOCs, and SVOCs-BN	N/A	N/A
SB-17	1 sample: VOCs, and SVOCs-BN	N/A	N/A
SB/MW/SV-18	1 sample: VOCs, and SVOCs-BN	VOCs, SVOCs-BN	VOCs
SB/MW/SV-19	1 sample: VOCs, and SVOCs-BN	VOCs, SVOCs-BN	VOCs
SB/MW/SV-20	1 sample: VOCs, and SVOCs-BN	VOCs, SVOCs-BN	VOCs
SB/MW/SV-21	1 sample: VOCs, and SVOCs-BN	VOCs, SVOCs-BN	VOCs
SB-22	1 sample: VOCs, and SVOCs-BN, Metals	N/A	N/A
SB-23	1 sample: VOCs, and SVOCs-BN, Metals	N/A	N/A
SB-24	1 sample: VOCs, and SVOCs-BN, Metals	N/A	N/A
SS-1	Sediment from pit bottom: VOCs, SVOCs-BN, Metals	N/A	N/A
SS-2	Sediment from pit bottom: VOCs, SVOCs-BN, Metals	N/A	N/A

Notes:

1. VOCs = Volatile Organic Compounds by EPA Method 8260, SVOCs = Semi-Volatile Organic Compounds by EPA Method 8270
2. Metals = Target Analyte List (TAL) Metals, PCBs = Polychlorinated Biphenyls by EPA Method 8082, Pesticides by EPA Method 8081
3. BN = Base Neutrals, TO-15 = VOCs by EPA Method TO-15

Table 2
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Commercial SCO	SB-1 (1-2)-20170522 17E0901-09 5/22/2017 1	SB-1 (8-9)-20170522 17E0901-10 5/22/2017 1	SB-2 (0.5-1)-20170524 17E1012-02 5/24/2017 1
mg/kg	mg/kg	mg/kg			
1,1,1,2-Tetrachloroethane	NS	NS	0.0012 U	0.0013 U	0.002 U
1,1,1-Trichloroethane	0.68	500	0.0012 U	0.0013 U	0.002 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0012 U	0.0013 U	0.002 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NS	NS	0.0012 U	0.0013 U	0.002 U
1,1,2-Trichloroethane	NS	NS	0.0012 U	0.0013 U	0.002 U
1,1-Dichloroethane	0.27	240	0.0012 U	0.0013 U	0.002 U
1,1-Dichloroethylene	0.33	500	0.0012 U	0.0013 U	0.002 U
1,2,3-Trichlorobenzene	NS	NS	0.0012 U	0.0013 U	0.002 U
1,2,3-Trichloropropane	NS	NS	0.0012 U	0.0013 U	0.002 U
1,2,4-Trichlorobenzene	NS	NS	0.0012 U	0.0013 U	0.002 U
1,2,4-Trimethylbenzene	3.6	190	0.0012 U	0.0013 U	0.002 U
1,2-Dibromo-3-chloropropane	NS	NS	0.0012 U	0.0013 U	0.002 U
1,2-Dibromoethane	NS	NS	0.0012 U	0.0013 U	0.002 U
1,2-Dichlorobenzene	1.1	500	0.0012 U	0.0013 U	0.002 U
1,2-Dichloroethane	0.02	30	0.0012 U	0.0013 U	0.002 U
1,2-Dichloropropane	NS	NS	0.0012 U	0.0013 U	0.002 U
1,3,5-Trimethylbenzene	8.4	190	0.0012 U	0.0013 U	0.002 U
1,3-Dichlorobenzene	2.4	280	0.0012 U	0.0013 U	0.002 U
1,4-Dichlorobenzene	1.8	130	0.0012 U	0.0013 U	0.002 U
1,4-Dioxane	0.1	130	0.024 U	0.027 U	0.031 U
2-Butanone	0.12	500	0.0012 U	0.0013 U	0.004
2-Hexanone	NS	NS	0.0012 U	0.0013 U	0.002 U
4-Methyl-2-pentanone	NS	NS	0.0012 U	0.0013 U	0.002 U
Acetone	0.05	500	0.0024 U	0.0034 J	0.016
Acetonitrile	NS	NS	NA	NA	NA
Acrolein	NS	NS	0.0024 U	0.0027 U	0.003 U
Acrylonitrile	NS	NS	0.0012 U	0.0013 U	0.002 U
Benzene	0.06	44	0.0012 U	0.0013 U	0.002 U
Bromochloromethane	NS	NS	0.0012 U	0.0013 U	0.002 U
Bromodichloromethane	NS	NS	0.0012 U	0.0013 U	0.002 U
Bromoform	NS	NS	0.0012 U	0.0013 U	0.002 U
Bromomethane	NS	NS	0.0012 U	0.0013 U	0.002 U
Carbon disulfide	NS	NS	0.0012 U	0.0013 U	0.002 U
Carbon tetrachloride	0.76	22	0.0012 U	0.0013 U	0.002 U
Chlorobenzene	1.1	500	0.0012 U	0.0013 U	0.002 U
Chlorobromomethane	NS	NS	NA	NA	NA
Chlorodibromomethane	NS	NS	NA	NA	NA
Chloroethane	NS	NS	0.0012 U	0.0013 U	0.002 U
Chloroform	0.37	350	0.0012 U	0.0013 U	0.002 U
Chloromethane	NS	NS	0.0012 U	0.0013 U	0.002 U
cis-1,2-Dichloroethylene	0.25	500	0.0012 U	0.0013 U	0.002 U
cis-1,3-Dichloropropylene	NS	NS	0.0012 U	0.0013 U	0.002 U
Cyclohexane	NS	NS	0.0012 U	0.0013 U	0.002 U
Dibromochloromethane	NS	NS	0.0012 U	0.0013 U	0.002 U
Dibromomethane	NS	NS	0.0012 U	0.0013 U	0.002 U
Dichlorodifluoromethane	NS	NS	0.0012 U	0.0013 U	0.002 U
Ethyl Benzene	1	390	0.0012 U	0.0013 U	0.002 U
Ethylene Dibromide	NS	NS	NA	NA	NA
Hexachlorobutadiene	NS	NS	0.0012 U	0.0013 U	0.002 U
Isopropylbenzene	NS	NS	0.0012 U	0.0013 U	0.002 U
Methyl acetate	NS	NS	0.0012 U	0.0013 U	0.002 U
Methyl tert-butyl ether (MTBE)	0.93	500	0.0012 U	0.0013 U	0.002 U
Methylcyclohexane	NS	NS	0.0012 U	0.0013 U	0.002 U
Methylene chloride	0.05	500	0.0024 U	0.0027 U	0.003 U
n-Butylbenzene	12	500	0.0012 U	0.0013 U	0.002 U
n-Propylbenzene	3.9	500	0.0012 U	0.0013 U	0.002 U
p- & m- Xylenes	0.26 TS	500 TS	0.0024 U	0.0027 U	0.003 U
o-Xylene	0.26 TS	500 TS	0.0012 U	0.0013 U	0.002 U
p-Isopropyltoluene	NS	NS	0.0012 U	0.0013 U	0.002 U
sec-Butylbenzene	11	500	0.0012 U	0.0013 U	0.002 U
Styrene	NS	NS	0.0012 U	0.0013 U	0.002 U
tert-Butyl alcohol (TBA)	NS	NS	0.0012 U	0.0013 U	0.002 U
tert-Butylbenzene	5.9	500	0.0012 U	0.0013 U	0.002 U
Tetrachloroethylene	1.3	150	0.0012 U	0.0013 U	0.002 U
Toluene	0.7	500	0.0012 U	0.0013 U	0.002 U
trans-1,2-Dichloroethylene	0.19	500	0.0012 U	0.0013 U	0.002 U
trans-1,3-Dichloropropylene	NS	NS	0.0012 U	0.0013 U	0.002 U
Trichloroethylene	0.47	200	0.0012 U	0.0013 U	0.002 U
Trichlorofluoromethane	NS	NS	0.0012 U	0.0013 U	0.002 U
Vinyl Chloride	0.02	13	0.0012 U	0.0013 U	0.002 U
Xylenes, Total	0.26	500	0.0036 U	0.004 U	0.005 U

Table 2
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC Part 375	NYSDEC Part 375	SB-3 (1-2)-20170522	SB-3 (8-9)-20170522	SB-4 (4-5)-20170522
Lab Sample ID	Unrestricted SCO	Commercial SCO	17E0901-06	17E0901-07	17E0901-01
Date Sampled			5/22/2017	5/22/2017	5/22/2017
Dilution			500	1	1
mg/kg	mg/kg	mg/kg			
1,1,1,2-Tetrachloroethane	NS	NS	0.83 U	0.0024 U	0.0015 U
1,1,1-Trichloroethane	0.68	500	0.83 U	0.0024 U	0.0015 U
1,1,2,2-Tetrachloroethane	NS	NS	0.83 U	0.0024 U	0.0015 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NS	NS	0.83 U	0.0024 U	0.0015 U
1,1,2-Trichloroethane	NS	NS	0.83 U	0.0024 U	0.0015 U
1,1-Dichloroethane	0.27	240	0.83 U	0.0024 U	0.0015 U
1,1-Dichloroethylene	0.33	500	0.83 U	0.0024 U	0.0015 U
1,2,3-Trichlorobenzene	NS	NS	0.83 U	0.0024 U	0.0015 U
1,2,3-Trichloropropane	NS	NS	0.83 U	0.0024 U	0.0015 U
1,2,4-Trichlorobenzene	NS	NS	0.83 U	0.0024 U	0.0015 U
1,2,4-Trimethylbenzene	3.6	190	0.83 U	0.0024 U	0.0015 U
1,2-Dibromo-3-chloropropane	NS	NS	0.83 U	0.0024 U	0.0015 U
1,2-Dibromoethane	NS	NS	0.83 U	0.0024 U	0.0015 U
1,2-Dichlorobenzene	1.1	500	0.83 U	0.0024 U	0.0015 U
1,2-Dichloroethane	0.02	30	0.83 U	0.0024 U	0.0015 U
1,2-Dichloropropane	NS	NS	0.83 U	0.0024 U	0.0015 U
1,3,5-Trimethylbenzene	8.4	190	0.83 U	0.0024 U	0.0015 U
1,3-Dichlorobenzene	2.4	280	0.83 U	0.0024 U	0.0015 U
1,4-Dichlorobenzene	1.8	130	0.83 U	0.0024 U	0.0015 U
1,4-Dioxane	0.1	130	17 U	0.049 U	0.029 U
2-Butanone	0.12	500	0.83 U	0.0024 U	0.0015 U
2-Hexanone	NS	NS	0.83 U	0.0024 U	0.0015 U
4-Methyl-2-pentanone	NS	NS	0.83 U	0.0024 U	0.0015 U
Acetone	0.05	500	1.7 U	0.012	0.0029 U
Acetonitrile	NS	NS	NA	NA	NA
Acrolein	NS	NS	1.7 U	0.0049 U	0.0029 U
Acrylonitrile	NS	NS	0.83 U	0.0024 U	0.0015 U
Benzene	0.06	44	0.83 U	0.0024 U	0.0015 U
Bromochloromethane	NS	NS	0.83 U	0.0024 U	0.0015 U
Bromodichloromethane	NS	NS	0.83 U	0.0024 U	0.0015 U
Bromoform	NS	NS	0.83 U	0.0024 U	0.0015 U
Bromomethane	NS	NS	0.83 U	0.0024 U	0.0015 U
Carbon disulfide	NS	NS	0.83 U	0.0024 U	0.0015 U
Carbon tetrachloride	0.76	22	0.83 U	0.0024 U	0.0015 U
Chlorobenzene	1.1	500	0.83 U	0.0024 U	0.0015 U
Chlorobromomethane	NS	NS	NA	NA	NA
Chlorodibromomethane	NS	NS	NA	NA	NA
Chloroethane	NS	NS	0.83 U	0.0024 U	0.0015 U
Chloroform	0.37	350	0.83 U	0.0024 U	0.0015 U
Chloromethane	NS	NS	0.83 U	0.0024 U	0.0015 U
cis-1,2-Dichloroethylene	0.25	500	0.83 U	0.0024 U	0.0015 U
cis-1,3-Dichloropropylene	NS	NS	0.83 U	0.0024 U	0.0015 U
Cyclohexane	NS	NS	0.83 U	0.0024 U	0.0015 U
Dibromochloromethane	NS	NS	0.83 U	0.0024 U	0.0015 U
Dibromomethane	NS	NS	0.83 U	0.0024 U	0.0015 U
Dichlorodifluoromethane	NS	NS	0.83 U	0.0024 U	0.0015 U
Ethyl Benzene	1	390	0.83 U	0.0024 U	0.0015 U
Ethylene Dibromide	NS	NS	NA	NA	NA
Hexachlorobutadiene	NS	NS	0.83 U	0.0024 U	0.0015 U
Isopropylbenzene	NS	NS	0.83 U	0.0024 U	0.0015 U
Methyl acetate	NS	NS	0.83 U	0.0024 U	0.0015 U
Methyl tert-butyl ether (MTBE)	0.93	500	0.83 U	0.0024 U	0.0015 U
Methylcyclohexane	NS	NS	0.83 U	0.0024 U	0.0015 U
Methylene chloride	0.05	500	1.7 U	0.0049 U	0.0029 U
n-Butylbenzene	12	500	0.83 U	0.0024 U	0.0015 U
n-Propylbenzene	3.9	500	0.83 U	0.0024 U	0.0015 U
p- & m- Xylenes	0.26 TS	500 TS	1.7 U	0.0049 U	0.0029 U
o-Xylene	0.26 TS	500 TS	0.83 U	0.0024 U	0.0015 U
p-Isopropyltoluene	NS	NS	0.83 U	0.0024 U	0.0015 U
sec-Butylbenzene	11	500	0.83 U	0.0024 U	0.0015 U
Styrene	NS	NS	0.83 U	0.0024 U	0.0015 U
tert-Butyl alcohol (TBA)	NS	NS	0.83 U	0.0024 U	0.0015 U
tert-Butylbenzene	5.9	500	0.83 U	0.0024 U	0.0015 U
Tetrachloroethylene	1.3	150	0.83 U	0.0024 U	0.0015 U
Toluene	0.7	500	0.83 U	0.0024 U	0.0015 U
trans-1,2-Dichloroethylene	0.19	500	0.83 U	0.0024 U	0.0015 U
trans-1,3-Dichloropropylene	NS	NS	0.83 U	0.0024 U	0.0015 U
Trichloroethylene	0.47	200	0.83 U	0.0024 U	0.0015 U
Trichlorofluoromethane	NS	NS	0.83 U	0.0024 U	0.0015 U
Vinyl Chloride	0.02	13	0.83 U	0.0024 U	0.0015 U
Xylenes, Total	0.26	500	2.5 U	0.0073 U	0.0044 U

Table 2
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Commercial SCO	SB-4 (8-9)-20170522 17E0901-02 5/22/2017 5000	SB-5 (1-2)-20170523 17E0947-03 5/23/2017 1	SB-5 (11-12)-20170523 17E0947-04 5/23/2017 500	SB-6 (4-5)-20170523 17E0947-06 5/23/2017 1
mg/kg	mg/kg	mg/kg				
1,1,1,2-Tetrachloroethane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
1,1,1-Trichloroethane	0.68	500	12 U	0.0013 U	0.77 U	0.0015 U
1,1,2,2-Tetrachloroethane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
1,1,2-Trichloroethane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
1,1-Dichloroethane	0.27	240	12 U	0.0013 U	0.77 U	0.0015 U
1,1-Dichloroethylene	0.33	500	12 U	0.0013 U	0.77 U	0.0015 U
1,2,3-Trichlorobenzene	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
1,2,3-Trichloropropane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
1,2,4-Trichlorobenzene	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
1,2,4-Trimethylbenzene	3.6	190	300 D	0.0013 U	23 D	0.0015 U
1,2-Dibromo-3-chloropropane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
1,2-Dibromoethane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
1,2-Dichlorobenzene	1.1	500	12 U	0.0013 U	0.77 U	0.0015 U
1,2-Dichloroethane	0.02	30	12 U	0.0013 U	0.77 U	0.0015 U
1,2-Dichloropropane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
1,3,5-Trimethylbenzene	8.4	190	110 D	0.0013 U	12 D	0.0015 U
1,3-Dichlorobenzene	2.4	280	12 U	0.0013 U	0.77 U	0.0015 U
1,4-Dichlorobenzene	1.8	130	12 U	0.0013 U	0.77 U	0.0015 U
1,4-Dioxane	0.1	130	230 U	0.027 U	15 U	0.03 U
2-Butanone	0.12	500	12 U	0.0013 U	0.77 U	0.0015 U
2-Hexanone	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
4-Methyl-2-pentanone	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Acetone	0.05	500	23 U	0.0048 J	1.5 U	0.011
Acetonitrile	NS	NS	NA	NA	NA	NA
Acrolein	NS	NS	23 U	0.0027 U	1.5 U	0.003 U
Acrylonitrile	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Benzene	0.06	44	12 JD	0.0013 U	0.77 U	0.0015 U
Bromochloromethane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Bromodichloromethane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Bromoform	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Bromomethane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Carbon disulfide	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Carbon tetrachloride	0.76	22	12 U	0.0013 U	0.77 U	0.0015 U
Chlorobenzene	1.1	500	12 U	0.0013 U	0.77 U	0.0015 U
Chlorobromomethane	NS	NS	NA	NA	NA	NA
Chlorodibromomethane	NS	NS	NA	NA	NA	NA
Chloroethane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Chloroform	0.37	350	12 U	0.0013 U	0.77 U	0.0015 U
Chloromethane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
cis-1,2-Dichloroethylene	0.25	500	12 U	0.0013 U	0.77 U	0.0015 U
cis-1,3-Dichloropropylene	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Cyclohexane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Dibromochloromethane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Dibromomethane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Dichlorodifluoromethane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Ethyl Benzene	1	390	110 D	0.0013 U	0.77 U	0.0015 U
Ethylene Dibromide	NS	NS	NA	NA	NA	NA
Hexachlorobutadiene	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Isopropylbenzene	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Methyl acetate	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Methyl tert-butyl ether (MTBE)	0.93	500	12 U	0.0013 U	0.77 U	0.0015 U
Methylcyclohexane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Methylene chloride	0.05	500	23 U	0.0027 J	1.5 U	0.0035 J
n-Butylbenzene	12	500	12 U	0.0013 U	1.6 D	0.0015 U
n-Propylbenzene	3.9	500	22 JD	0.0013 U	0.77 U	0.0015 U
p- & m- Xylenes	0.26 TS	500 TS	430 D	0.0027 U	6.8 D	0.003 U
o-Xylene	0.26 TS	500 TS	270 D	0.0013 U	6.1 D	0.0015 U
p-Isopropyltoluene	NS	NS	17 JD	0.0013 U	2 D	0.0015 U
sec-Butylbenzene	11	500	12 U	0.0013 U	0.77 U	0.0015 U
Styrene	NS	NS	95 D	0.0013 U	0.77 U	0.0015 U
tert-Butyl alcohol (TBA)	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
tert-Butylbenzene	5.9	500	12 U	0.0013 U	0.77 U	0.0015 U
Tetrachloroethylene	1.3	150	12 U	0.0013 U	0.77 U	0.0015 U
Toluene	0.7	500	110 D	0.0013 U	0.77 U	0.0015 U
trans-1,2-Dichloroethylene	0.19	500	12 U	0.0013 U	0.77 U	0.0015 U
trans-1,3-Dichloropropylene	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Trichloroethylene	0.47	200	12 U	0.0013 U	0.77 U	0.0015 U
Trichlorofluoromethane	NS	NS	12 U	0.0013 U	0.77 U	0.0015 U
Vinyl Chloride	0.02	13	12 U	0.0013 U	0.77 U	0.0015 U
Xylenes, Total	0.26	500	700 D	0.004 U	13 D	0.0045 U

Table 2
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Commercial SCO	SB-6 (8-9)-20170523 17E0947-07 5/23/2017 1	SB-7 (1-2)-20170523 17E0947-10 5/23/2017 1	SB-7 (8-9)-20170523 17E0947-11 5/23/2017 1
Lab Sample ID					
Date Sampled					
Dilution					
mg/kg	mg/kg	mg/kg			
1,1,1,2-Tetrachloroethane	NS	NS	0.0021 U	0.0015 U	0.0017 U
1,1,1-Trichloroethane	0.68	500	0.0021 U	0.0015 U	0.0017 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0021 U	0.0015 U	0.0017 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NS	NS	0.0021 U	0.0015 U	0.0017 U
1,1,2-Trichloroethane	NS	NS	0.0021 U	0.0015 U	0.0017 U
1,1-Dichloroethane	0.27	240	0.0021 U	0.0015 U	0.0017 U
1,1-Dichloroethylene	0.33	500	0.0021 U	0.0015 U	0.0017 U
1,2,3-Trichlorobenzene	NS	NS	0.0021 U	0.0015 U	0.0017 U
1,2,3-Trichloropropane	NS	NS	0.0021 U	0.0015 U	0.0017 U
1,2,4-Trichlorobenzene	NS	NS	0.0021 U	0.0015 U	0.0017 U
1,2,4-Trimethylbenzene	3.6	190	0.0021 U	0.0015 U	0.0017 U
1,2-Dibromo-3-chloropropane	NS	NS	0.0021 U	0.0015 U	0.0017 U
1,2-Dibromoethane	NS	NS	0.0021 U	0.0015 U	0.0017 U
1,2-Dichlorobenzene	1.1	500	0.0021 U	0.0015 U	0.0017 U
1,2-Dichloroethane	0.02	30	0.0021 U	0.0015 U	0.0017 U
1,2-Dichloropropane	NS	NS	0.0021 U	0.0015 U	0.0017 U
1,3,5-Trimethylbenzene	8.4	190	0.0021 U	0.0015 U	0.0017 U
1,3-Dichlorobenzene	2.4	280	0.0021 U	0.0015 U	0.0017 U
1,4-Dichlorobenzene	1.8	130	0.0021 U	0.0015 U	0.0017 U
1,4-Dioxane	0.1	130	0.042 U	0.03 U	0.034 U
2-Butanone	0.12	500	0.0021 U	0.0015 U	0.0017 U
2-Hexanone	NS	NS	0.0021 U	0.0015 U	0.0017 U
4-Methyl-2-pentanone	NS	NS	0.0021 U	0.0015 U	0.0017 U
Acetone	0.05	500	0.02	0.009	0.013
Acetonitrile	NS	NS	NA	NA	NA
Acrolein	NS	NS	0.0042 U	0.003 U	0.0034 U
Acrylonitrile	NS	NS	0.0021 U	0.0015 U	0.0017 U
Benzene	0.06	44	0.0021 U	0.0015 U	0.0017 U
Bromochloromethane	NS	NS	0.0021 U	0.0015 U	0.0017 U
Bromodichloromethane	NS	NS	0.0021 U	0.0015 U	0.0017 U
Bromoform	NS	NS	0.0021 U	0.0015 U	0.0017 U
Bromomethane	NS	NS	0.0021 U	0.0015 U	0.0017 U
Carbon disulfide	NS	NS	0.0021 U	0.0015 U	0.0017 U
Carbon tetrachloride	0.76	22	0.0021 U	0.0015 U	0.0017 U
Chlorobenzene	1.1	500	0.0021 U	0.0015 U	0.0017 U
Chlorobromomethane	NS	NS	NA	NA	NA
Chlorodibromomethane	NS	NS	NA	NA	NA
Chloroethane	NS	NS	0.0021 U	0.0015 U	0.0017 U
Chloroform	0.37	350	0.0021 U	0.0015 U	0.0017 U
Chloromethane	NS	NS	0.0021 U	0.0015 U	0.0017 U
cis-1,2-Dichloroethylene	0.25	500	0.0021 U	0.0015 U	0.0017 U
cis-1,3-Dichloropropylene	NS	NS	0.0021 U	0.0015 U	0.0017 U
Cyclohexane	NS	NS	0.0021 U	0.0015 U	0.0017 U
Dibromochloromethane	NS	NS	0.0021 U	0.0015 U	0.0017 U
Dibromomethane	NS	NS	0.0021 U	0.0015 U	0.0017 U
Dichlorodifluoromethane	NS	NS	0.0021 U	0.0015 U	0.0017 U
Ethyl Benzene	1	390	0.0021 U	0.0015 U	0.0017 U
Ethylene Dibromide	NS	NS	NA	NA	NA
Hexachlorobutadiene	NS	NS	0.0021 U	0.0015 U	0.0017 U
Isopropylbenzene	NS	NS	0.0021 U	0.0015 U	0.0017 U
Methyl acetate	NS	NS	0.0021 U	0.0015 U	0.0017 U
Methyl tert-butyl ether (MTBE)	0.93	500	0.0021 U	0.0015 U	0.0017 U
Methylcyclohexane	NS	NS	0.0021 U	0.0015 U	0.0017 U
Methylene chloride	0.05	500	0.0042 U	0.003 U	0.005 J
n-Butylbenzene	12	500	0.0021 U	0.0015 U	0.0017 U
n-Propylbenzene	3.9	500	0.0021 U	0.0015 U	0.0017 U
p- & m- Xylenes	0.26 TS	500 TS	0.0042 U	0.003 U	0.0034 U
o-Xylene	0.26 TS	500 TS	0.0021 U	0.0015 U	0.0017 U
p-Isopropyltoluene	NS	NS	0.0021 U	0.0015 U	0.0017 U
sec-Butylbenzene	11	500	0.0021 U	0.0015 U	0.0017 U
Styrene	NS	NS	0.0021 U	0.0015 U	0.0017 U
tert-Butyl alcohol (TBA)	NS	NS	0.0021 U	0.0015 U	0.0017 U
tert-Butylbenzene	5.9	500	0.0021 U	0.0015 U	0.0017 U
Tetrachloroethylene	1.3	150	0.0021 U	0.0015 U	0.0017 U
Toluene	0.7	500	0.0021 U	0.0015 U	0.0017 U
trans-1,2-Dichloroethylene	0.19	500	0.0021 U	0.0015 U	0.0017 U
trans-1,3-Dichloropropylene	NS	NS	0.0021 U	0.0015 U	0.0017 U
Trichloroethylene	0.47	200	0.0021 U	0.0015 U	0.0017 U
Trichlorofluoromethane	NS	NS	0.0021 U	0.0015 U	0.0017 U
Vinyl Chloride	0.02	13	0.0021 U	0.0015 U	0.0017 U
Xylenes, Total	0.26	500	0.0063 U	0.0045 U	0.0051 U

Table 2
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Commercial SCO	SB-8 (7.5-8.5)-20170523 17E0947-01 5/23/2017 100	SB-9 (8-9)-20170522 17E0901-05 5/22/2017 1	SB-10 (0.5-1)-20170524 17E1012-01 5/24/2017 1
mg/kg	mg/kg	mg/kg			
1,1,1,2-Tetrachloroethane	NS	NS	0.14 U	0.002 U	0.002 U
1,1,1-Trichloroethane	0.68	500	0.14 U	0.002 U	0.002 U
1,1,2,2-Tetrachloroethane	NS	NS	0.14 U	0.002 U	0.002 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NS	NS	0.14 U	0.002 U	0.002 U
1,1,2-Trichloroethane	NS	NS	0.14 U	0.002 U	0.002 U
1,1-Dichloroethane	0.27	240	0.14 U	0.002 U	0.002 U
1,1-Dichloroethylene	0.33	500	0.14 U	0.002 U	0.002 U
1,2,3-Trichlorobenzene	NS	NS	0.14 U	0.002 U	0.002 U
1,2,3-Trichloropropane	NS	NS	0.14 U	0.002 U	0.002 U
1,2,4-Trichlorobenzene	NS	NS	0.14 U	0.002 U	0.002 U
1,2,4-Trimethylbenzene	3.6	190	0.14 U	0.006	0.002 U
1,2-Dibromo-3-chloropropane	NS	NS	0.14 U	0.002 U	0.002 U
1,2-Dibromoethane	NS	NS	0.14 U	0.002 U	0.002 U
1,2-Dichlorobenzene	1.1	500	0.14 U	0.002 U	0.002 U
1,2-Dichloroethane	0.02	30	0.14 U	0.002 U	0.002 U
1,2-Dichloropropane	NS	NS	0.14 U	0.002 U	0.002 U
1,3,5-Trimethylbenzene	8.4	190	0.14 U	0.0039 J	0.002 U
1,3-Dichlorobenzene	2.4	280	0.14 U	0.002 U	0.002 U
1,4-Dichlorobenzene	1.8	130	0.14 U	0.002 U	0.002 U
1,4-Dioxane	0.1	130	2.9 U	0.04 U	0.034 U
2-Butanone	0.12	500	0.14 U	0.002 U	0.002 U
2-Hexanone	NS	NS	0.14 U	0.002 U	0.002 U
4-Methyl-2-pentanone	NS	NS	0.14 U	0.002 U	0.002 U
Acetone	0.05	500	0.29 U	0.0051 J	0.011
Acetonitrile	NS	NS	NA	NA	NA
Acrolein	NS	NS	0.29 U	0.004 U	0.003 U
Acrylonitrile	NS	NS	0.14 U	0.002 U	0.002 U
Benzene	0.06	44	0.14 U	0.045	0.002 U
Bromochloromethane	NS	NS	0.14 U	0.002 U	0.002 U
Bromodichloromethane	NS	NS	0.14 U	0.002 U	0.002 U
Bromoform	NS	NS	0.14 U	0.002 U	0.002 U
Bromomethane	NS	NS	0.14 U	0.002 U	0.002 U
Carbon disulfide	NS	NS	0.14 U	0.002 U	0.002 U
Carbon tetrachloride	0.76	22	0.14 U	0.002 U	0.014
Chlorobenzene	1.1	500	0.14 U	0.002 U	0.002 U
Chlorobromomethane	NS	NS	NA	NA	NA
Chlorodibromomethane	NS	NS	NA	NA	NA
Chloroethane	NS	NS	0.14 U	0.002 U	0.002 U
Chloroform	0.37	350	0.14 U	0.002 U	0.022
Chloromethane	NS	NS	0.14 U	0.002 U	0.002 U
cis-1,2-Dichloroethylene	0.25	500	0.14 U	0.002 U	0.002 U
cis-1,3-Dichloropropylene	NS	NS	0.14 U	0.002 U	0.002 U
Cyclohexane	NS	NS	0.14 U	0.002 U	0.002 U
Dibromochloromethane	NS	NS	0.14 U	0.002 U	0.002 U
Dibromomethane	NS	NS	0.14 U	0.002 U	0.002 U
Dichlorodifluoromethane	NS	NS	0.14 U	0.002 U	0.002 U
Ethyl Benzene	1	390	0.14 U	0.0085	0.002 U
Ethylene Dibromide	NS	NS	NA	NA	NA
Hexachlorobutadiene	NS	NS	0.14 U	0.002 U	0.002 U
Isopropylbenzene	NS	NS	0.14 U	0.002 U	0.002 U
Methyl acetate	NS	NS	0.14 U	0.002 U	0.002 U
Methyl tert-butyl ether (MTBE)	0.93	500	0.14 U	0.002 U	0.002 U
Methylcyclohexane	NS	NS	0.14 U	0.002 U	0.002 U
Methylene chloride	0.05	500	0.29 U	0.004 U	0.003 U
n-Butylbenzene	12	500	0.14 U	0.002 U	0.002 U
n-Propylbenzene	3.9	500	0.14 U	0.002 U	0.002 U
p- & m- Xylenes	0.26 TS	500 TS	0.29 U	0.014	0.003 U
o-Xylene	0.26 TS	500 TS	0.14 U	0.0078	0.002 U
p-Isopropyltoluene	NS	NS	0.14 U	0.002 U	0.002 U
sec-Butylbenzene	11	500	0.14 U	0.002 U	0.002 U
Styrene	NS	NS	0.14 U	0.002 U	0.002 U
tert-Butyl alcohol (TBA)	NS	NS	0.14 U	0.002 U	0.002 U
tert-Butylbenzene	5.9	500	0.14 U	0.002 U	0.002 U
Tetrachloroethylene	1.3	150	0.14 U	0.002 U	0.013
Toluene	0.7	500	0.14 U	0.023	0.002 U
trans-1,2-Dichloroethylene	0.19	500	0.14 U	0.002 U	0.002 U
trans-1,3-Dichloropropylene	NS	NS	0.14 U	0.002 U	0.002 U
Trichloroethylene	0.47	200	0.14 U	0.002 U	0.003 J
Trichlorofluoromethane	NS	NS	0.14 U	0.002 U	0.002 U
Vinyl Chloride	0.02	13	0.14 U	0.002 U	0.002 U
Xylenes, Total	0.26	500	0.43 U	0.022	0.005 U

Table 2
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Commercial SCO	SB-11 (7-8)-20170522 17E0901-04 5/22/2017 500	SB-12 (8-9)-20170523 17E0947-09 5/23/2017 100	SB-13 (8-9)-20170523 17E0947-08 5/23/2017 1
Lab Sample ID					
Date Sampled					
Dilution					
mg/kg	mg/kg	mg/kg			
1,1,1,2-Tetrachloroethane	NS	NS	0.91 U	0.22 U	0.0014 U
1,1,1-Trichloroethane	0.68	500	0.91 U	0.22 U	0.0014 U
1,1,2,2-Tetrachloroethane	NS	NS	0.91 U	0.22 U	0.0014 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NS	NS	0.91 U	0.22 U	0.0014 U
1,1,2-Trichloroethane	NS	NS	0.91 U	0.22 U	0.0014 U
1,1-Dichloroethane	0.27	240	0.91 U	0.22 U	0.0014 U
1,1-Dichloroethylene	0.33	500	0.91 U	0.22 U	0.0014 U
1,2,3-Trichlorobenzene	NS	NS	0.91 U	0.22 U	0.0014 U
1,2,3-Trichloropropane	NS	NS	0.91 U	0.22 U	0.0014 U
1,2,4-Trichlorobenzene	NS	NS	0.91 U	0.22 U	0.0014 U
1,2,4-Trimethylbenzene	3.6	190	2.2 D	0.22 U	0.0014 U
1,2-Dibromo-3-chloropropane	NS	NS	0.91 U	0.22 U	0.0014 U
1,2-Dibromoethane	NS	NS	0.91 U	0.22 U	0.0014 U
1,2-Dichlorobenzene	1.1	500	0.91 U	0.22 U	0.0014 U
1,2-Dichloroethane	0.02	30	0.91 U	0.22 U	0.0014 U
1,2-Dichloropropane	NS	NS	0.91 U	0.22 U	0.0014 U
1,3,5-Trimethylbenzene	8.4	190	0.92 JD	0.22 U	0.0014 U
1,3-Dichlorobenzene	2.4	280	0.91 U	0.22 U	0.0014 U
1,4-Dichlorobenzene	1.8	130	0.91 U	0.22 U	0.0014 U
1,4-Dioxane	0.1	130	18 U	4.4 U	0.028 U
2-Butanone	0.12	500	0.91 U	0.22 U	0.0014 U
2-Hexanone	NS	NS	0.91 U	0.22 U	0.0014 U
4-Methyl-2-pentanone	NS	NS	0.91 U	0.22 U	0.0014 U
Acetone	0.05	500	1.8 U	0.93 BD	0.014
Acetonitrile	NS	NS	NA	NA	NA
Acrolein	NS	NS	1.8 U	0.44 U	0.0028 U
Acrylonitrile	NS	NS	0.91 U	0.22 U	0.0014 U
Benzene	0.06	44	0.91 U	0.22 U	0.0014 U
Bromochloromethane	NS	NS	0.91 U	0.22 U	0.0014 U
Bromodichloromethane	NS	NS	0.91 U	0.22 U	0.0014 U
Bromoform	NS	NS	0.91 U	0.22 U	0.0014 U
Bromomethane	NS	NS	0.91 U	0.22 U	0.0014 U
Carbon disulfide	NS	NS	0.91 U	0.22 U	0.0014 U
Carbon tetrachloride	0.76	22	0.91 U	0.22 U	0.0014 U
Chlorobenzene	1.1	500	0.91 U	0.22 U	0.0014 U
Chlorobromomethane	NS	NS	NA	NA	NA
Chlorodibromomethane	NS	NS	NA	NA	NA
Chloroethane	NS	NS	0.91 U	0.22 U	0.0014 U
Chloroform	0.37	350	0.91 U	0.22 U	0.0025 J
Chloromethane	NS	NS	0.91 U	0.22 U	0.0014 U
cis-1,2-Dichloroethylene	0.25	500	0.91 U	0.22 U	0.0014 U
cis-1,3-Dichloropropylene	NS	NS	0.91 U	0.22 U	0.0014 U
Cyclohexane	NS	NS	0.91 U	0.22 U	0.0014 U
Dibromochloromethane	NS	NS	0.91 U	0.22 U	0.0014 U
Dibromomethane	NS	NS	0.91 U	0.22 U	0.0014 U
Dichlorodifluoromethane	NS	NS	0.91 U	0.22 U	0.0014 U
Ethyl Benzene	1	390	0.91 U	0.22 U	0.0014 U
Ethylene Dibromide	NS	NS	NA	NA	NA
Hexachlorobutadiene	NS	NS	0.91 U	0.22 U	0.0014 U
Isopropylbenzene	NS	NS	0.91 U	0.22 U	0.0014 U
Methyl acetate	NS	NS	0.91 U	0.22 U	0.0014 U
Methyl tert-butyl ether (MTBE)	0.93	500	0.91 U	0.22 U	0.0014 U
Methylcyclohexane	NS	NS	0.91 U	0.22 U	0.0014 U
Methylene chloride	0.05	500	1.8 U	0.44 U	0.0028 U
n-Butylbenzene	12	500	0.91 U	0.22 U	0.0014 U
n-Propylbenzene	3.9	500	0.91 U	0.22 U	0.0014 U
p- & m- Xylenes	0.26 TS	500 TS	1.8 U	0.44 U	0.0028 U
o-Xylene	0.26 TS	500 TS	1.2 JD	0.22 U	0.0014 U
p-Isopropyltoluene	NS	NS	0.91 U	0.22 U	0.0014 U
sec-Butylbenzene	11	500	0.91 U	0.22 U	0.0014 U
Styrene	NS	NS	2.2 D	0.22 U	0.0014 U
tert-Butyl alcohol (TBA)	NS	NS	0.91 U	0.22 U	0.0014 U
tert-Butylbenzene	5.9	500	0.91 U	0.22 U	0.0014 U
Tetrachloroethylene	1.3	150	0.91 U	1 D	0.0014 U
Toluene	0.7	500	0.91 U	0.22 U	0.0014 U
trans-1,2-Dichloroethylene	0.19	500	0.91 U	0.22 U	0.0014 U
trans-1,3-Dichloropropylene	NS	NS	0.91 U	0.22 U	0.0014 U
Trichloroethylene	0.47	200	0.91 U	0.22 U	0.0014 U
Trichlorofluoromethane	NS	NS	0.91 U	0.22 U	0.0014 U
Vinyl Chloride	0.02	13	0.91 U	0.22 U	0.0014 U
Xylenes, Total	0.26	500	2.8 JD	0.67 U	0.0042 U

Table 2
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC Part 375	NYSDEC Part 375	SB-14 (7-8)-20170523	SB-15 (8-9)-20170523	SB-16 (8-9)-20170524
Lab Sample ID	Unrestricted SCO	Commercial SCO	17E0947-02	17E0947-05	17E1049-02
Date Sampled			5/23/2017	5/23/2017	5/24/2017
Dilution			1	1	1
mg/kg	mg/kg	mg/kg			
1,1,1,2-Tetrachloroethane	NS	NS	0.0014 U	0.0029 U	0.0019 U
1,1,1-Trichloroethane	0.68	500	0.0014 U	0.0029 U	0.0019 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0014 U	0.0029 U	0.0019 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NS	NS	0.0014 U	0.0029 U	0.0019 U
1,1,2-Trichloroethane	NS	NS	0.0014 U	0.0029 U	0.0019 U
1,1-Dichloroethane	0.27	240	0.0014 U	0.0029 U	0.0019 U
1,1-Dichloroethylene	0.33	500	0.0014 U	0.0029 U	0.0019 U
1,2,3-Trichlorobenzene	NS	NS	0.0014 U	0.0029 U	0.0019 U
1,2,3-Trichloropropane	NS	NS	0.0014 U	0.0029 U	0.0019 U
1,2,4-Trichlorobenzene	NS	NS	0.0014 U	0.0029 U	0.0019 U
1,2,4-Trimethylbenzene	3.6	190	0.0014 U	0.0029 U	0.0019 U
1,2-Dibromo-3-chloropropane	NS	NS	0.0014 U	0.0029 U	0.0019 U
1,2-Dibromoethane	NS	NS	0.0014 U	0.0029 U	0.0019 U
1,2-Dichlorobenzene	1.1	500	0.0014 U	0.0029 U	0.0019 U
1,2-Dichloroethane	0.02	30	0.0014 U	0.0029 U	0.0019 U
1,2-Dichloropropane	NS	NS	0.0014 U	0.0029 U	0.0019 U
1,3,5-Trimethylbenzene	8.4	190	0.0014 U	0.0029 U	0.0019 U
1,3-Dichlorobenzene	2.4	280	0.0014 U	0.0029 U	0.0019 U
1,4-Dichlorobenzene	1.8	130	0.0014 U	0.0029 U	0.0019 U
1,4-Dioxane	0.1	130	0.028 U	0.059 U	0.037 U
2-Butanone	0.12	500	0.0014 U	0.0029 U	0.0022 J
2-Hexanone	NS	NS	0.0014 U	0.0029 U	0.0019 U
4-Methyl-2-pentanone	NS	NS	0.0014 U	0.0029 U	0.0019 U
Acetone	0.05	500	0.013	0.017	0.018
Acetonitrile	NS	NS	NA	NA	NA
Acrolein	NS	NS	0.0028 U	0.0059 U	0.0037 U
Acrylonitrile	NS	NS	0.0014 U	0.0029 U	0.0019 U
Benzene	0.06	44	0.0014 U	0.0029 U	0.0019 U
Bromochloromethane	NS	NS	0.0014 U	0.0029 U	0.0019 U
Bromodichloromethane	NS	NS	0.0014 U	0.0029 U	0.0019 U
Bromoform	NS	NS	0.0014 U	0.0029 U	0.0019 U
Bromomethane	NS	NS	0.0014 U	0.0029 U	0.0019 U
Carbon disulfide	NS	NS	0.0014 U	0.0029 U	0.0019 U
Carbon tetrachloride	0.76	22	0.0014 U	0.0053 J	0.0019 U
Chlorobenzene	1.1	500	0.0014 U	0.0029 U	0.0019 U
Chlorobromomethane	NS	NS	NA	NA	NA
Chlorodibromomethane	NS	NS	NA	NA	NA
Chloroethane	NS	NS	0.0014 U	0.0029 U	0.0019 U
Chloroform	0.37	350	0.0014 U	0.01	0.0019 U
Chloromethane	NS	NS	0.0014 U	0.0029 U	0.0019 U
cis-1,2-Dichloroethylene	0.25	500	0.0014 U	0.0029 U	0.0019 U
cis-1,3-Dichloropropylene	NS	NS	0.0014 U	0.0029 U	0.0019 U
Cyclohexane	NS	NS	0.0014 U	0.0029 U	0.0019 U
Dibromochloromethane	NS	NS	0.0014 U	0.0029 U	0.0019 U
Dibromomethane	NS	NS	0.0014 U	0.0029 U	0.0019 U
Dichlorodifluoromethane	NS	NS	0.0014 U	0.0029 U	0.0019 U
Ethyl Benzene	1	390	0.0014 U	0.0029 U	0.0019 U
Ethylene Dibromide	NS	NS	NA	NA	NA
Hexachlorobutadiene	NS	NS	0.0014 U	0.0029 U	0.0019 U
Isopropylbenzene	NS	NS	0.0014 U	0.0029 U	0.0019 U
Methyl acetate	NS	NS	0.0014 U	0.0029 U	0.0019 U
Methyl tert-butyl ether (MTBE)	0.93	500	0.0014 U	0.0029 U	0.0019 U
Methylcyclohexane	NS	NS	0.0014 U	0.0029 U	0.0019 U
Methylene chloride	0.05	500	0.0028 U	0.0059 U	0.0037 U
n-Butylbenzene	12	500	0.0014 U	0.0029 U	0.0019 U
n-Propylbenzene	3.9	500	0.0014 U	0.0029 U	0.0019 U
p- & m- Xylenes	0.26 TS	500 TS	0.0028 U	0.0059 U	0.0037 U
o-Xylene	0.26 TS	500 TS	0.0014 U	0.0029 U	0.0019 U
p-Isopropyltoluene	NS	NS	0.0014 U	0.0029 U	0.0019 U
sec-Butylbenzene	11	500	0.0014 U	0.0029 U	0.0019 U
Styrene	NS	NS	0.0014 U	0.0029 U	0.0019 U
tert-Butyl alcohol (TBA)	NS	NS	0.0014 U	0.0029 U	0.0019 U
tert-Butylbenzene	5.9	500	0.0014 U	0.0029 U	0.0019 U
Tetrachloroethylene	1.3	150	0.0014 U	0.0029 U	0.0019 U
Toluene	0.7	500	0.0014 U	0.0029 U	0.0019 U
trans-1,2-Dichloroethylene	0.19	500	0.0014 U	0.0029 U	0.0019 U
trans-1,3-Dichloropropylene	NS	NS	0.0014 U	0.0029 U	0.0019 U
Trichloroethylene	0.47	200	0.0014 U	0.0029 U	0.0019 U
Trichlorofluoromethane	NS	NS	0.0014 U	0.0029 U	0.0019 U
Vinyl Chloride	0.02	13	0.0014 U	0.0029 U	0.0019 U
Xylenes, Total	0.26	500	0.0041 U	0.0088 U	0.0056 U

Table 2
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC Part 375	NYSDEC Part 375	SB-17 (6.5-7.5)-20170524	SB-18(8-9)-20170609	SB-19(8-9)-20170609
Lab Sample ID	Unrestricted SCO	Commercial SCO	17E1049-01	460-135048-1	460-135048-2
Date Sampled			5/24/2017	06/09/2017	06/09/2017
Dilution			1	1	1
mg/kg	mg/kg	mg/kg			
1,1,1,2-Tetrachloroethane	NS	NS	0.0013 U	NA	NA
1,1,1-Trichloroethane	0.68	500	0.0013 U	0.0025	0.00058 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0013 U	0.00078 U	0.00058 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NS	NS	0.0013 U	0.00078 U	0.00058 U
1,1,2-Trichloroethane	NS	NS	0.0013 U	0.00078 U	0.00058 U
1,1-Dichloroethane	0.27	240	0.0013 U	0.00078 U	0.00058 U
1,1-Dichloroethylene	0.33	500	0.0013 U	0.00078 U	0.00058 U
1,2,3-Trichlorobenzene	NS	NS	0.0013 U	0.00078 U	0.00058 U
1,2,3-Trichloropropane	NS	NS	0.0013 U	NA	NA
1,2,4-Trichlorobenzene	NS	NS	0.0013 U	0.00078 U	0.00058 U
1,2,4-Trimethylbenzene	3.6	190	0.0013 U	NA	NA
1,2-Dibromo-3-chloropropane	NS	NS	0.0013 U	0.00078 U	0.00058 U
1,2-Dibromoethane	NS	NS	0.0013 U	NA	NA
1,2-Dichlorobenzene	1.1	500	0.0013 U	0.00078 U	0.00058 U
1,2-Dichloroethane	0.02	30	0.0013 U	0.00078 U	0.00058 U
1,2-Dichloropropane	NS	NS	0.0013 U	0.00078 U	0.00058 U
1,3,5-Trimethylbenzene	8.4	190	0.0013 U	NA	NA
1,3-Dichlorobenzene	2.4	280	0.0013 U	0.00078 U	0.00058 U
1,4-Dichlorobenzene	1.8	130	0.0013 U	0.00078 U	0.00058 U
1,4-Dioxane	0.1	130	0.027 U	0.016 U	0.012 U
2-Butanone	0.12	500	0.0013 U	0.0039 U	0.0029 U
2-Hexanone	NS	NS	0.0013 U	0.0039 U	0.0029 U
4-Methyl-2-pentanone	NS	NS	0.0013 U	0.0039 U	0.0029 U
Acetone	0.05	500	0.0064	0.018 B	0.013 B
Acetonitrile	NS	NS	NA	0.0078 U	0.0058 U
Acrolein	NS	NS	0.0027 U	0.078 U	0.058 U
Acrylonitrile	NS	NS	0.0013 U	NA	NA
Benzene	0.06	44	0.0013 U	0.005	0.00058 U
Bromochloromethane	NS	NS	0.0013 U	NA	NA
Bromodichloromethane	NS	NS	0.0013 U	NA	NA
Bromoform	NS	NS	0.0013 U	0.00078 U	0.00058 U
Bromomethane	NS	NS	0.0013 U	0.00078 U	0.00058 U
Carbon disulfide	NS	NS	0.0013 U	0.00034 J	0.0012
Carbon tetrachloride	0.76	22	0.0013 U	0.045	0.00058 U
Chlorobenzene	1.1	500	0.0013 U	0.00078 U	0.00058 U
Chlorobromomethane	NS	NS	NA	0.00078 U	0.00058 U
Chlorodibromomethane	NS	NS	NA	0.00078 U	0.00058 U
Chloroethane	NS	NS	0.0013 U	0.00078 U	0.00058 U
Chloroform	0.37	350	0.0013 U	0.017	0.00058 U
Chloromethane	NS	NS	0.0013 U	0.00078 U	0.00058 U
cis-1,2-Dichloroethylene	0.25	500	0.0013 U	0.00078 U	0.00058 U
cis-1,3-Dichloropropylene	NS	NS	0.0013 U	0.00078 U	0.00058 U
Cyclohexane	NS	NS	0.0013 U	0.00078 U	0.00058 U
Dibromochloromethane	NS	NS	0.0013 U	0.00078 U	0.00058 U
Dibromomethane	NS	NS	0.0013 U	NA	NA
Dichlorodifluoromethane	NS	NS	0.0013 U	0.00078 U	0.00058 U
Ethyl Benzene	1	390	0.0013 U	0.00021 J	0.00044 J
Ethylene Dibromide	NS	NS	NA	0.00078 U	0.00058 U
Hexachlorobutadiene	NS	NS	0.0013 U	NA	NA
Isopropylbenzene	NS	NS	0.0013 U	0.00078 U	0.00058 U
Methyl acetate	NS	NS	0.0013 U	0.0039 U	0.0029 U
Methyl tert-butyl ether (MTBE)	0.93	500	0.0013 U	0.00078 U	0.00058 U
Methylcyclohexane	NS	NS	0.0013 U	0.00078 U	0.00058 U
Methylene chloride	0.05	500	0.0027 U	0.00078 U	0.00029 J B
n-Butylbenzene	12	500	0.0013 U	NA	NA
n-Propylbenzene	3.9	500	0.0013 U	NA	NA
p- & m- Xylenes	0.26 TS	500 TS	0.0027 U	0.00093	0.00029 J
o-Xylene	0.26 TS	500 TS	0.0013 U	0.00035 J	0.00018 J
p-Isopropyltoluene	NS	NS	0.0013 U	NA	NA
sec-Butylbenzene	11	500	0.0013 U	NA	NA
Styrene	NS	NS	0.0013 U	0.00046 J	0.00058 U
tert-Butyl alcohol (TBA)	NS	NS	0.0013 U	0.0078 U	0.0058 U
tert-Butylbenzene	5.9	500	0.0013 U	NA	NA
Tetrachloroethylene	1.3	150	0.0013 U	0.0013	0.00058 U
Toluene	0.7	500	0.0013 U	0.0032	0.00038 J
trans-1,2-Dichloroethylene	0.19	500	0.0013 U	0.00078 U	0.00058 U
trans-1,3-Dichloropropylene	NS	NS	0.0013 U	0.00078 U	0.00058 U
Trichloroethylene	0.47	200	0.0013 U	0.00078 U	0.00058 U
Trichlorofluoromethane	NS	NS	0.0013 U	0.00078 U	0.00058 U
Vinyl Chloride	0.02	13	0.0013 U	0.00078 U	0.00058 U
Xylenes, Total	0.26	500	0.004 U	0.00128	0.00047

Table 2
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Commercial SCO	SB-20(8-9)-20170609 460-135048-3 06/09/2017 1	SB-21(8-9)-20170609 460-135048-4 06/09/2017 1	SB-22(8-9)-20170609 460-135048-5 06/09/2017 2500
Lab Sample ID					
Date Sampled					
Dilution					
mg/kg	mg/kg	mg/kg			
1,1,1,2-Tetrachloroethane	NS	NS	NA	NA	NA
1,1,1-Trichloroethane	0.68	500	0.00066 U	0.00072 U	3.5 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00066 U	0.00072 U	3.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NS	NS	0.00066 U	0.00072 U	3.5 U
1,1,2-Trichloroethane	NS	NS	0.00066 U	0.00072 U	3.5 U
1,1-Dichloroethane	0.27	240	0.00066 U	0.00072 U	3.5 U
1,1-Dichloroethylene	0.33	500	0.00066 U	0.00072 U	3.5 U
1,2,3-Trichlorobenzene	NS	NS	0.00066 U	0.00072 U	3.5 U
1,2,3-Trichloropropane	NS	NS	NA	NA	NA
1,2,4-Trichlorobenzene	NS	NS	0.00066 U	0.00072 U	3.5 U
1,2,4-Trimethylbenzene	3.6	190	NA	NA	NA
1,2-Dibromo-3-chloropropane	NS	NS	0.00066 U	0.00072 U	3.5 U
1,2-Dibromoethane	NS	NS	NA	NA	NA
1,2-Dichlorobenzene	1.1	500	0.00066 U	0.00072 U	3.5 U
1,2-Dichloroethane	0.02	30	0.00066 U	0.00072 U	3.5 U
1,2-Dichloropropane	NS	NS	0.00066 U	0.00072 U	3.5 U
1,3,5-Trimethylbenzene	8.4	190	NA	NA	NA
1,3-Dichlorobenzene	2.4	280	0.00066 U	0.00072 U	3.5 U
1,4-Dichlorobenzene	1.8	130	0.00066 U	0.00072 U	3.5 U
1,4-Dioxane	0.1	130	0.013 U	0.014 U	180 U
2-Butanone	0.12	500	0.0033 U	0.0036 U	18 U
2-Hexanone	NS	NS	0.0033 U	0.0036 U	18 U
4-Methyl-2-pentanone	NS	NS	0.0033 U	0.0036 U	18 U
Acetone	0.05	500	0.0047 B	0.0036 U	18 U
Acetonitrile	NS	NS	0.0066 U	0.0072 U	35 U
Acrolein	NS	NS	0.066 U	0.072 U	18 U
Acrylonitrile	NS	NS	NA	NA	NA
Benzene	0.06	44	0.00066 U	0.00072 U	190
Bromochloromethane	NS	NS	NA	NA	NA
Bromodichloromethane	NS	NS	NA	NA	NA
Bromoform	NS	NS	0.00066 U	0.00072 U	3.5 U
Bromomethane	NS	NS	0.00066 U	0.00072 U	3.5 U
Carbon disulfide	NS	NS	0.00066 U	0.00089	2.1 J
Carbon tetrachloride	0.76	22	0.00066 U	0.00078	3.5 U
Chlorobenzene	1.1	500	0.00066 U	0.00072 U	3.5 U
Chlorobromomethane	NS	NS	0.00066 U	0.00072 U	3.5 U
Chlorodibromomethane	NS	NS	0.00066 U	0.00072 U	3.5 U
Chloroethane	NS	NS	0.00066 U	0.00072 U	3.5 U
Chloroform	0.37	350	0.00066 U	0.0015	3.5 U
Chloromethane	NS	NS	0.00066 U	0.00072 U	3.5 U
cis-1,2-Dichloroethylene	0.25	500	0.00066 U	0.00065 J	3.5 U
cis-1,3-Dichloropropylene	NS	NS	0.00066 U	0.00072 U	3.5 U
Cyclohexane	NS	NS	0.00066 U	0.00072 U	3.5 U
Dibromochloromethane	NS	NS	0.00066 U	0.00072 U	3.5 U
Dibromomethane	NS	NS	NA	NA	NA
Dichlorodifluoromethane	NS	NS	0.00066 U	0.00072 U	3.5 U
Ethyl Benzene	1	390	0.00066 U	0.00072 U	170
Ethylene Dibromide	NS	NS	0.00066 U	0.00072 U	3.5 U
Hexachlorobutadiene	NS	NS	NA	NA	NA
Isopropylbenzene	NS	NS	0.00066 U	0.00072 U	7.1
Methyl acetate	NS	NS	0.0033 U	0.0036 U	18 U
Methyl tert-butyl ether (MTBE)	0.93	500	0.00066 U	0.00072 U	3.5 U
Methylcyclohexane	NS	NS	0.00066 U	0.00072 U	3.5 U
Methylene chloride	0.05	500	0.00066 U	0.0015 B	3.5 U
n-Butylbenzene	12	500	NA	NA	NA
n-Propylbenzene	3.9	500	NA	NA	NA
p- & m- Xylenes	0.26 TS	500 TS	0.00066 U	0.00072 U	930
o-Xylene	0.26 TS	500 TS	0.00066 U	0.00072 U	510
p-Isopropyltoluene	NS	NS	NA	NA	NA
sec-Butylbenzene	11	500	NA	NA	NA
Styrene	NS	NS	0.00066 U	0.00072 U	12
tert-Butyl alcohol (TBA)	NS	NS	0.0066 U	0.0072 U	35 U
tert-Butylbenzene	5.9	500	NA	NA	NA
Tetrachloroethylene	1.3	150	0.00066 U	0.0049	3.5 U
Toluene	0.7	500	0.00066 U	0.00043 J	960
trans-1,2-Dichloroethylene	0.19	500	0.00066 U	0.00072 U	3.5 U
trans-1,3-Dichloropropylene	NS	NS	0.00066 U	0.00072 U	3.5 U
Trichloroethylene	0.47	200	0.00066 U	0.00066 J	3.5 U
Trichlorofluoromethane	NS	NS	0.00066 U	0.00072 U	3.5 U
Vinyl Chloride	0.02	13	0.00066 U	0.00072 U	3.5 U
Xylenes, Total	0.26	500	ND	ND	1440

Table 2
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC Part 375	NYSDEC Part 375	SB-23(9-10)-20170609	SB-24(8-9)-20170609	SS-1-20170522	SS-2-20170524
Lab Sample ID	Unrestricted SCO	Commercial SCO	460-135048-6	460-135048-7	17E0901-12	17E1012-03
Date Sampled			06/09/2017	06/09/2017	5/22/2017	5/24/2017
Dilution			250	1	200	1
mg/kg	mg/kg	mg/kg				
1,1,1,2-Tetrachloroethane	NS	NS	NA	NA	0.13 U	0.003 U
1,1,1-Trichloroethane	0.68	500	0.48 U	0.00076 U	0.13 U	0.003 U
1,1,2,2-Tetrachloroethane	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
1,1,2-Trichloroethane	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
1,1-Dichloroethane	0.27	240	0.48 U	0.00076 U	0.13 U	0.003 U
1,1-Dichloroethylene	0.33	500	0.48 U	0.00076 U	0.13 U	0.003 U
1,2,3-Trichlorobenzene	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
1,2,3-Trichloropropane	NS	NS	NA	NA	0.13 U	0.003 U
1,2,4-Trichlorobenzene	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
1,2,4-Trimethylbenzene	3.6	190	NA	NA	0.13 U	0.003 U
1,2-Dibromo-3-chloropropane	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
1,2-Dibromoethane	NS	NS	NA	NA	0.13 U	0.003 U
1,2-Dichlorobenzene	1.1	500	0.48 U	0.00076 U	0.13 U	0.003 U
1,2-Dichloroethane	0.02	30	0.48 U	0.00076 U	0.13 U	0.003 U
1,2-Dichloropropane	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
1,3,5-Trimethylbenzene	8.4	190	NA	NA	0.13 U	0.003 J
1,3-Dichlorobenzene	2.4	280	0.48 U	0.00076 U	0.13 U	0.003 U
1,4-Dichlorobenzene	1.8	130	0.48 U	0.00076 U	0.13 U	0.003 U
1,4-Dioxane	0.1	130	24 U	0.015 U	2.6 U	0.058 U
2-Butanone	0.12	500	2.4 U	0.0038 U	0.13 U	0.013
2-Hexanone	NS	NS	2.4 U	0.0038 U	0.13 U	0.003 U
4-Methyl-2-pentanone	NS	NS	2.4 U	0.0038 U	0.13 U	0.008
Acetone	0.05	500	2.4 U	0.0071 B	0.95 D	0.098
Acetonitrile	NS	NS	4.8 U	0.0076 U	NS	NS
Acrolein	NS	NS	2.4 U	0.076 U	0.26 U	0.006 U
Acrylonitrile	NS	NS	NA	NA	0.13 U	0.003 U
Benzene	0.06	44	1.6	0.0021	0.13 U	0.003 U
Bromochloromethane	NS	NS	NA	NA	0.13 U	0.003 U
Bromodichloromethane	NS	NS	NA	NA	0.13 U	0.003 U
Bromoform	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
Bromomethane	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
Carbon disulfide	NS	NS	0.56	0.00076 U	0.13 U	0.003 U
Carbon tetrachloride	0.76	22	0.48 U	0.00076 U	0.13 U	0.003 U
Chlorobenzene	1.1	500	0.48 U	0.00076 U	0.13 U	0.003 U
Chlorobromomethane	NS	NS	0.48 U	0.00076 U	NS	NS
Chlorodibromomethane	NS	NS	0.48 U	0.00076 U	NS	NS
Chloroethane	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
Chloroform	0.37	350	0.48 U	0.00076 U	0.13 U	0.003 U
Chloromethane	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
cis-1,2-Dichloroethylene	0.25	500	0.48 U	0.00076 U	0.13 U	0.003 U
cis-1,3-Dichloropropylene	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
Cyclohexane	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
Dibromochloromethane	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
Dibromomethane	NS	NS	NA	NA	0.13 U	0.003 U
Dichlorodifluoromethane	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
Ethyl Benzene	1	390	18	0.0026	0.2 JD	0.014
Ethylene Dibromide	NS	NS	0.48 U	0.00076 U	NS	NS
Hexachlorobutadiene	NS	NS	NA	NA	0.13 U	0.003 U
Isopropylbenzene	NS	NS	2.8	0.00018 J	0.57 D	0.003 U
Methyl acetate	NS	NS	2.4 U	0.0038 U	0.13 U	0.003 U
Methyl tert-butyl ether (MTBE)	0.93	500	0.48 U	0.00022 J	0.13 U	0.003 U
Methylcyclohexane	NS	NS	0.14 J	0.00076 U	0.13 U	0.014
Methylene chloride	0.05	500	0.48 U	0.00076 U	0.26 U	0.006 U
n-Butylbenzene	12	500	NA	NA	0.13 U	0.003 U
n-Propylbenzene	3.9	500	NA	NA	0.34 D	0.003 U
p- & m- Xylenes	0.26 TS	500 TS	110	0.0032	0.44 JD	0.042
o-Xylene	0.26 TS	500 TS	79	0.0021	0.13 U	0.039
p-Isopropyltoluene	NS	NS	NA	NA	0.13 U	0.003 U
sec-Butylbenzene	11	500	NA	NA	0.13 U	0.003 U
Styrene	NS	NS	3.6	0.035	20 D	0.003 U
tert-Butyl alcohol (TBA)	NS	NS	4.8 U	0.0076 U	0.26 U	2.100 D
tert-Butylbenzene	5.9	500	NA	NA	0.13 U	0.003 U
Tetrachloroethylene	1.3	150	0.48 U	0.00076 U	0.13 U	0.003 U
Toluene	0.7	500	8.5	0.0077	0.14 JD	0.003 U
trans-1,2-Dichloroethylene	0.19	500	0.48 U	0.00076 U	0.13 U	0.003 U
trans-1,3-Dichloropropylene	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
Trichloroethylene	0.47	200	0.48 U	0.00076 U	0.13 U	0.003 U
Trichlorofluoromethane	NS	NS	0.48 U	0.00076 U	0.13 U	0.003 U
Vinyl Chloride	0.02	13	0.48 U	0.00076 U	0.13 U	0.003 U
Xylenes, Total	0.26	500	189	0.0053	0.44 JD	0.081

Table 3
12-02 38th Avenue
Long Island City, NY

Subsurface (Phase II) Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Commercial SCO	SB-1 (1-2)-20170522 17E0901-09 5/22/2017 2	SB-1 (8-9)-20170522 17E0901-10 5/22/2017 2	SB-2 (0.5-1)-20170524 17E1012-02 5/24/2017 50
Lab Sample ID	mg/kg	mg/kg			
Date Sampled					
Dilution					
mg/kg					
1,1-Biphenyl	NS	NS	0.0471 U	0.0511 U	0.134 U
1,2,4,5-Tetrachlorobenzene	NS	NS	0.094 U	0.102 U	0.268 U
1,2,4-Trichlorobenzene	NS	NS	0.0471 U	0.0511 U	0.134 U
1,2-Dichlorobenzene	1.1	500	0.0471 U	0.0511 U	0.134 U
1,2-Diphenylhydrazine (as Azobenzene)	NS	NS	0.0471 U	0.0511 U	0.134 U
1,3-Dichlorobenzene	2.4	280	0.0471 U	0.0511 U	0.134 U
1,4-Dichlorobenzene	1.8	130	0.0471 U	0.0511 U	0.134 U
2,2'-oxybis[1-chloropropane]	NS	NS	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NS	NS	0.094 U	0.102 U	0.268 U
2,4,5-Trichlorophenol	NS	NS	0.0471 U	0.0511 U	0.134 U
2,4,6-Trichlorophenol	NS	NS	0.0471 U	0.0511 U	0.134 U
2,4-Dichlorophenol	NS	NS	0.0471 U	0.0511 U	0.134 U
2,4-Dimethylphenol	NS	NS	0.0471 U	0.0511 U	0.134 U
2,4-Dinitrophenol	NS	NS	0.094 U	0.102 U	0.268 U
2,4-Dinitrotoluene	NS	NS	0.0471 U	0.0511 U	0.134 U
2,6-Dinitrotoluene	NS	NS	0.0471 U	0.0511 U	0.134 U
2-Chloronaphthalene	NS	NS	0.0471 U	0.0511 U	0.134 U
2-Chlorophenol	NS	NS	0.0471 U	0.0511 U	0.134 U
2-Methylnaphthalene	NS	NS	0.0471 U	0.0511 U	13 D
2-Methylphenol	0.33	500	0.0471 U	0.0511 U	0.134 U
2-Nitroaniline	NS	NS	0.094 U	0.102 U	0.268 U
2-Nitrophenol	NS	NS	0.0471 U	0.0511 U	0.134 U
3- & 4-Methylphenols	0.33	500	0.0471 U	0.0511 U	0.134 U
3,3-Dichlorobenzidine	NS	NS	0.0471 U	0.0511 U	0.134 U
3-Nitroaniline	NS	NS	0.094 U	0.102 U	0.268 U
4,6-Dinitro-2-methylphenol	NS	NS	0.094 U	0.102 U	0.268 U
4-Bromophenyl phenyl ether	NS	NS	0.0471 U	0.0511 U	0.134 U
4-Chloro-3-methylphenol	NS	NS	0.0471 U	0.0511 U	0.134 U
4-Chloroaniline	NS	NS	0.0471 U	0.0511 U	0.134 U
4-Chlorophenyl phenyl ether	NS	NS	0.0471 U	0.0511 U	0.134 U
4-Nitroaniline	NS	NS	0.094 U	0.102 U	0.268 U
4-Nitrophenol	NS	NS	0.094 U	0.102 U	0.268 U
Acenaphthene	20	500	0.0471 U	0.0511 U	0.134 U
Acenaphthylene	100	500	0.0471 U	0.101 JD	0.134 U
Acetophenone	NS	NS	0.0471 U	0.0511 U	0.134 U
Aniline	NS	NS	0.188 U	0.204 U	0.536 U
Anthracene	100	500	0.0471 U	0.0709 JD	4.78 D
Atrazine	NS	NS	0.0471 U	0.0511 U	0.134 U
Benzaldehyde	NS	NS	0.0471 U	0.0511 U	0.134 U
Benzidine	NS	NS	0.188 U	0.204 U	0.536 U
Benzo(a)anthracene	1	5.6	0.0471 U	0.194 D	4.80 D
Benzo(a)pyrene	1	1	0.0471 U	0.19 D	1.96 D
Benzo(b)fluoranthene	1	5.6	0.0471 U	0.17 D	1.57 D
Benzo(g,h,i)perylene	100	500	0.0471 U	0.161 D	0.704 D
Benzo(k)fluoranthene	0.8	56	0.0471 U	0.209 D	1.54 D
Benzoic acid	NS	NS	0.0471 U	0.0511 U	0.134 U
Benzyl alcohol	NS	NS	0.0471 U	0.0511 U	0.134 U
Benzyl butyl phthalate	NS	NS	0.0471 U	0.0511 U	0.134 U
Bis(2-chloroethoxy)methane	NS	NS	0.0471 U	0.0511 U	0.134 U
Bis(2-chloroethyl)ether	NS	NS	0.0471 U	0.0511 U	0.134 U
Bis(2-chloroisopropyl)ether	NS	NS	0.0471 U	0.0511 U	0.134 U
Bis(2-ethylhexyl)phthalate	NS	NS	0.0471 U	0.0511 U	0.134 U
Butyl benzyl phthalate	NS	NS	NA	NA	NA
Caprolactam	NS	NS	0.094 U	0.102 U	0.268 U
Carbazole	NS	NS	0.0471 U	0.0511 U	0.134 U
Chrysene	1	56	0.0471 U	0.248 D	7.11 D
Dibenzo(a,h)anthracene	0.33	0.56	0.0471 U	0.0652 JD	0.498 D
Dibenzofuran	7	350	0.0471 U	0.0511 U	0.134 U
Diethyl phthalate	NS	NS	0.0471 U	0.0511 U	0.134 U
Dimethyl phthalate	NS	NS	0.0471 U	0.0511 U	0.134 U
Di-n-butyl phthalate	NS	NS	0.0471 U	0.0511 U	0.134 U
Di-n-octyl phthalate	NS	NS	0.0471 U	0.0511 U	0.134 U
Fluoranthene	100	500	0.0471 U	0.31 D	12 D
Fluorene	30	500	0.0471 U	0.0511 U	0.134 U
Hexachlorobenzene	0.33	6	0.0471 U	0.0511 U	0.134 U
Hexachlorobutadiene	NS	NS	0.0471 U	0.0511 U	0.134 U
Hexachlorocyclopentadiene	NS	NS	0.0471 U	0.0511 U	0.134 U
Hexachloroethane	NS	NS	0.0471 U	0.0511 U	0.134 U
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.0471 U	0.126 D	0.719 D
Isophorone	NS	NS	0.0471 U	0.0511 U	0.134 U
Naphthalene	12	500	0.0471 U	0.0511 U	34.6 D
Nitrobenzene	NS	NS	0.0471 U	0.0511 U	0.134 U
N-Nitrosodimethylamine	NS	NS	0.0471 U	0.0511 U	0.134 U
N-nitroso-di-n-propylamine	NS	NS	0.0471 U	0.0511 U	0.134 U
N-Nitrosodiphenylamine	NS	NS	0.0471 U	0.0511 U	0.134 U
Pentachlorophenol	0.8	6.7	0.0471 U	0.0511 U	0.134 U
Phenanthrene	100	500	0.0471 U	0.21 D	8.130 D
Phenol	0.33	500	0.0471 U	0.0511 U	0.134 U
Pyrene	100	500	0.0471 U	0.458 D	13.600 D
Pyridine	NS	NS	NA	NA	NA

Table 3
12-02 38th Avenue
Long Island City, NY

Subsurface (Phase II) Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Commercial SCO	SB-3 (1-2)-20170522 17E0901-06 5/22/2017 2	SB-3 (8-9)-20170522 17E0901-07 5/22/2017 20	SB-4 (4-5)-20170522 17E0901-01 5/22/2017 2	SB-4 (8-9)-20170522 17E0901-02 5/22/2017 200
Lab Sample ID	mg/kg	mg/kg				
Date Sampled						
Dilution						
mg/kg						
1,1-Biphenyl	NS	NS	0.0457 U	0.0495 U	0.0503 U	117 D
1,2,4,5-Tetrachlorobenzene	NS	NS	0.0912 U	0.0987 U	0.1 U	7.71 U
1,2,4-Trichlorobenzene	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
1,2-Dichlorobenzene	1.1	500	0.0457 U	0.0495 U	0.0503 U	3.86 U
1,2-Diphenylhydrazine (as Azobenzene)	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
1,3-Dichlorobenzene	2.4	280	0.0457 U	0.0495 U	0.0503 U	3.86 U
1,4-Dichlorobenzene	1.8	130	0.0457 U	0.0495 U	0.0503 U	3.86 U
2,2'-oxybis[1-chloropropane]	NS	NS	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NS	NS	0.0912 U	0.0987 U	0.1 U	7.71 U
2,4,5-Trichlorophenol	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
2,4,6-Trichlorophenol	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
2,4-Dichlorophenol	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
2,4-Dimethylphenol	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
2,4-Dinitrophenol	NS	NS	0.0912 U	0.0987 U	0.1 U	7.71 U
2,4-Dinitrotoluene	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
2,6-Dinitrotoluene	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
2-Chloronaphthalene	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
2-Chlorophenol	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
2-Methylnaphthalene	NS	NS	0.127 D	0.186 D	0.0503 U	156 D
2-Methylphenol	0.33	500	0.0457 U	0.0495 U	0.0503 U	3.86 U
2-Nitroaniline	NS	NS	0.0912 U	0.0987 U	0.1 U	7.71 U
2-Nitrophenol	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
3- & 4-Methylphenols	0.33	500	0.0457 U	0.0495 U	0.0503 U	3.86 U
3,3-Dichlorobenzidine	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
3-Nitroaniline	NS	NS	0.0912 U	0.0987 U	0.1 U	7.71 U
4,6-Dinitro-2-methylphenol	NS	NS	0.0912 U	0.0987 U	0.1 U	7.71 U
4-Bromophenyl phenyl ether	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
4-Chloro-3-methylphenol	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
4-Chloroaniline	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
4-Chlorophenyl phenyl ether	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
4-Nitroaniline	NS	NS	0.0912 U	0.0987 U	0.1 U	7.71 U
4-Nitrophenol	NS	NS	0.0912 U	0.0987 U	0.1 U	7.71 U
Acenaphthene	20	500	0.0457 U	0.204 D	0.0503 U	57.9 D
Acenaphthylene	100	500	0.416 D	4.57 D	0.0503 U	42.2 D
Acetophenone	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Aniline	NS	NS	0.183 U	0.198 U	0.201 U	15.4 U
Anthracene	100	500	0.215 D	2.87 D	0.0586 JD	215 DE
Atrazine	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Benzaldehyde	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Benzidine	NS	NS	0.183 U	0.198 U	0.201 U	15.4 U
Benzo(a)anthracene	1	5.6	0.738 D	10.1 D	0.188 D	219 D
Benzo(a)pyrene	1	1	0.824 D	10.8 D	0.193 D	165 D
Benzo(b)fluoranthene	1	5.6	0.737 D	6.07 D	0.219 D	97.7 D
Benzo(g,h,i)perylene	100	500	0.735 D	6.79 D	0.157 D	60.1 D
Benzo(k)fluoranthene	0.8	56	0.832 D	9.4 D	0.199 D	84.4 D
Benzoic acid	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Benzyl alcohol	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Benzyl butyl phthalate	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Bis(2-chloroethoxy)methane	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Bis(2-chloroethyl)ether	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Bis(2-chloroisopropyl)ether	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Bis(2-ethylhexyl)phthalate	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Butyl benzyl phthalate	NS	NS	NA	NA	NA	NA
Caprolactam	NS	NS	0.0912 U	0.0987 U	0.1 U	7.71 U
Carbazole	NS	NS	0.0457 U	0.0495 U	0.0538 JD	11 D
Chrysene	1	56	0.902 D	11.4 D	0.263 D	243 DE
Dibenzo(a,h)anthracene	0.33	0.56	0.263 D	1.76 D	0.0667 JD	34.3 D
Dibenzofuran	7	350	0.0457 U	0.0495 U	0.0503 U	36.6 D
Diethyl phthalate	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Dimethyl phthalate	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Di-n-butyl phthalate	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Di-n-octyl phthalate	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Fluoranthene	100	500	0.612 D	11.2 D	0.585 D	57.1 D
Fluorene	30	500	0.0466 JD	0.47 D	0.0503 U	53.2 D
Hexachlorobenzene	0.33	6	0.0457 U	0.0495 U	0.0503 U	3.86 U
Hexachlorobutadiene	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Hexachlorocyclopentadiene	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Hexachloroethane	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.523 D	3.14 D	0.133 D	48.6 D
Isophorone	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Naphthalene	12	500	0.445 D	0.373 D	0.0503 U	236 D
Nitrobenzene	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
N-Nitrosodimethylamine	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
N-nitroso-di-n-propylamine	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
N-Nitrosodiphenylamine	NS	NS	0.0457 U	0.0495 U	0.0503 U	3.86 U
Pentachlorophenol	0.8	6.7	0.0457 U	0.0495 U	0.0503 U	3.86 U
Phenanthrene	100	500	0.348 D	2.78 D	0.453 D	183 D
Phenol	0.33	500	0.0457 U	0.0495 U	0.0503 U	3.86 U
Pyrene	100	500	1.08 D	20.6 D	0.516 D	95.8 D
Pyridine	NS	NS	NA	NA	NA	NA

Table 3
12-02 38th Avenue
Long Island City, NY

Subsurface (Phase II) Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Commercial SCO	SB-5 (1-2)-20170523 17E0947-03 5/23/2017 2	SB-5 (11-12)-20170523 17E0947-04 5/23/2017 200	SB-6 (4-5)-20170523 17E0947-06 5/23/2017 2	SB-6 (8-9)-20170523 17E0947-07 5/23/2017 10
Lab Sample ID	mg/kg	mg/kg				
Date Sampled						
Dilution						
mg/kg						
1,1-Biphenyl	NS	NS	0.0475 U	7.39 D	0.0498 U	0.0455 U
1,2,4,5-Tetrachlorobenzene	NS	NS	0.0949 U	0.258 U	0.0994 U	0.0909 U
1,2,4-Trichlorobenzene	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
1,2-Dichlorobenzene	1.1	500	0.0475 U	0.129 U	0.0498 U	0.0455 U
1,2-Diphenylhydrazine (as Azobenzene)	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
1,3-Dichlorobenzene	2.4	280	0.0475 U	0.129 U	0.0498 U	0.0455 U
1,4-Dichlorobenzene	1.8	130	0.0475 U	0.129 U	0.0498 U	0.0455 U
2,2'-oxybis[1-chloropropane]	NS	NS	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NS	NS	0.0949 U	0.258 U	0.0994 U	0.0909 U
2,4,5-Trichlorophenol	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
2,4,6-Trichlorophenol	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
2,4-Dichlorophenol	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
2,4-Dimethylphenol	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
2,4-Dinitrophenol	NS	NS	0.0949 U	0.258 U	0.0994 U	0.0909 U
2,4-Dinitrotoluene	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
2,6-Dinitrotoluene	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
2-Chloronaphthalene	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
2-Chlorophenol	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
2-Methylnaphthalene	NS	NS	0.0475 U	57.6 D	0.0498 U	0.288 D
2-Methylphenol	0.33	500	0.0475 U	0.129 U	0.0498 U	0.0455 U
2-Nitroaniline	NS	NS	0.0949 U	0.258 U	0.0994 U	0.0909 U
2-Nitrophenol	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
3- & 4-Methylphenols	0.33	500	0.0475 U	0.129 U	0.0498 U	0.0455 U
3,3-Dichlorobenzidine	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
3-Nitroaniline	NS	NS	0.0949 U	0.258 U	0.0994 U	0.0909 U
4,6-Dinitro-2-methylphenol	NS	NS	0.0949 U	0.258 U	0.0994 U	0.0909 U
4-Bromophenyl phenyl ether	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
4-Chloro-3-methylphenol	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
4-Chloroaniline	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
4-Chlorophenyl phenyl ether	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
4-Nitroaniline	NS	NS	0.0949 U	0.258 U	0.0994 U	0.0909 U
4-Nitrophenol	NS	NS	0.0949 U	0.258 U	0.0994 U	0.0909 U
Acenaphthene	20	500	0.0475 U	15.8 D	0.0498 U	0.0455 U
Acenaphthylene	100	500	0.0827 JD	30 DE	0.0498 U	2.02 D
Acetophenone	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Aniline	NS	NS	0.19 U	0.516 U	0.199 U	0.182 U
Anthracene	100	500	0.12 D	30.7 DE	0.0498 U	0.87 D
Atrazine	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Benzaldehyde	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Benzidine	NS	NS	0.19 U	0.516 U	0.199 U	0.182 U
Benzo(a)anthracene	1	5.6	0.773 D	45.7 D	0.158 D	5.88 D
Benzo(a)pyrene	1	1	0.799 D	25.8 D	0.137 D	4.02 D
Benzo(b)fluoranthene	1	5.6	0.833 D	15.4 D	0.122 D	3.46 D
Benzo(g,h,i)perylene	100	500	0.373 D	4.12 D	0.0684 JD	1.54 D
Benzo(k)fluoranthene	0.8	56	0.732 D	16.8 D	0.13 D	5.5 D
Benzoic acid	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Benzyl alcohol	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Benzyl butyl phthalate	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Bis(2-chloroethoxy)methane	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Bis(2-chloroethyl)ether	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Bis(2-chloroisopropyl)ether	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Bis(2-ethylhexyl)phthalate	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Butyl benzyl phthalate	NS	NS	NA	NA	NA	NA
Caprolactam	NS	NS	0.0949 U	0.258 U	0.0994 U	0.0909 U
Carbazole	NS	NS	0.0834 JD	0.129 U	0.0498 U	0.0455 U
Chrysene	1	56	0.768 D	45.1 D	0.148 D	6.01 D
Dibenzo(a,h)anthracene	0.33	0.56	0.104 D	2.23 D	0.0498 U	0.735 D
Dibenzofuran	7	350	0.0475 U	4.03 D	0.0498 U	0.0455 U
Diethyl phthalate	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Dimethyl phthalate	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Di-n-butyl phthalate	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Di-n-octyl phthalate	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Fluoranthene	100	500	1.45 D	70 D	0.324 D	1.98 D
Fluorene	30	500	0.0475 U	55.9 D	0.0498 U	0.168 D
Hexachlorobenzene	0.33	6	0.0475 U	0.129 U	0.0498 U	0.0455 U
Hexachlorobutadiene	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Hexachlorocyclopentadiene	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Hexachloroethane	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.478 D	4.99 D	0.0795 JD	2.04 D
Isophorone	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Naphthalene	12	500	0.0475 U	17.8 D	0.0498 U	0.0487 JD
Nitrobenzene	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
N-Nitrosodimethylamine	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
N-nitroso-di-n-propylamine	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
N-Nitrosodiphenylamine	NS	NS	0.0475 U	0.129 U	0.0498 U	0.0455 U
Pentachlorophenol	0.8	6.7	0.0475 U	0.129 U	0.0498 U	0.0455 U
Phenanthrene	100	500	0.603 D	107 D	0.22 D	0.434 D
Phenol	0.33	500	0.0475 U	0.129 U	0.0498 U	0.0455 U
Pyrene	100	500	1.22 D	117 D	0.327 D	4.45 D
Pyridine	NS	NS	NA	NA	NA	NA

Table 3
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Subsurface (Phase II) Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Commercial SCO	SB-7 (1-2)-20170523 17E0947-10 5/23/2017 2	SB-7 (8-9)-20170523 17E0947-11 5/23/2017 2	SB-8 (7.5-8.5)-20170523 17E0947-01 5/23/2017 2	SB-9 (8-9)-20170522 17E0901-05 5/22/2017 500
Lab Sample ID	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Sampled						
Dilution						
1,1-Biphenyl	NS	NS	0.0477 U	0.0464 U	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	0.0952 U	0.0926 U	NA	NA
1,2,4-Trichlorobenzene	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
1,2-Dichlorobenzene	1.1	500	0.0477 U	0.0464 U	0.0502 U	0.257 U
1,2-Diphenylhydrazine (as Azobenzene)	NS	NS	0.0477 U	0.0464 U	NA	NA
1,3-Dichlorobenzene	2.4	280	0.0477 U	0.0464 U	0.0502 U	0.257 U
1,4-Dichlorobenzene	1.8	130	0.0477 U	0.0464 U	0.0502 U	0.257 U
2,2'-oxybis[1-chloropropane]	NS	NS	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NS	NS	0.0952 U	0.0926 U	NA	NA
2,4,5-Trichlorophenol	NS	NS	0.0477 U	0.0464 U	NA	NA
2,4,6-Trichlorophenol	NS	NS	0.0477 U	0.0464 U	NA	NA
2,4-Dichlorophenol	NS	NS	0.0477 U	0.0464 U	NA	NA
2,4-Dimethylphenol	NS	NS	0.0477 U	0.0464 U	NA	NA
2,4-Dinitrophenol	NS	NS	0.0952 U	0.0926 U	NA	NA
2,4-Dinitrotoluene	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
2,6-Dinitrotoluene	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
2-Chloronaphthalene	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
2-Chlorophenol	NS	NS	0.0477 U	0.0464 U	NA	NA
2-Methylnaphthalene	NS	NS	0.0477 U	0.0464 U	0.0801 JD	88.4 D
2-Methylphenol	0.33	500	0.0477 U	0.0464 U	NA	NA
2-Nitroaniline	NS	NS	0.0952 U	0.0926 U	NA	NA
2-Nitrophenol	NS	NS	0.0477 U	0.0464 U	NA	NA
3- & 4-Methylphenols	0.33	500	0.0477 U	0.0464 U	NA	NA
3,3-Dichlorobenzidine	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
3-Nitroaniline	NS	NS	0.0952 U	0.0926 U	0.1 U	0.512 U
4,6-Dinitro-2-methylphenol	NS	NS	0.0952 U	0.0926 U	NA	NA
4-Bromophenyl phenyl ether	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
4-Chloro-3-methylphenol	NS	NS	0.0477 U	0.0464 U	NA	NA
4-Chloroaniline	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
4-Chlorophenyl phenyl ether	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
4-Nitroaniline	NS	NS	0.0952 U	0.0926 U	0.1 U	0.512 U
4-Nitrophenol	NS	NS	0.0952 U	0.0926 U	NA	NA
Acenaphthene	20	500	0.0477 U	0.0464 U	0.0502 U	2.54 D
Acenaphthylene	100	500	0.0477 U	0.0496 JD	0.414 D	4.27 D
Acetophenone	NS	NS	0.0477 U	0.0464 U	NA	NA
Aniline	NS	NS	0.191 U	0.185 U	0.201 U	1.02 U
Anthracene	100	500	0.0477 U	0.115 D	0.117 D	9.21 D
Atrazine	NS	NS	0.0477 U	0.0464 U	NA	NA
Benzaldehyde	NS	NS	0.0477 U	0.0464 U	NA	NA
Benzidine	NS	NS	0.191 U	0.185 U	NA	NA
Benzo(a)anthracene	1	5.6	0.109 D	0.692 D	0.422 D	10.1 D
Benzo(a)pyrene	1	1	0.0943 JD	0.638 D	0.341 D	5.47 D
Benzo(b)fluoranthene	1	5.6	0.1 D	0.543 D	0.318 D	4.26 D
Benzo(g,h,i)perylene	100	500	0.0477 U	0.343 D	0.184 D	1.91 D
Benzo(k)fluoranthene	0.8	56	0.107 D	0.528 D	0.379 D	5.26 D
Benzoic acid	NS	NS	0.0477 U	0.0464 U	NA	NA
Benzyl alcohol	NS	NS	0.0477 U	0.0464 U	NA	NA
Benzyl butyl phthalate	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
Bis(2-chloroethoxy)methane	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
Bis(2-chloroethyl)ether	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
Bis(2-chloroisopropyl)ether	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
Bis(2-ethylhexyl)phthalate	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
Butyl benzyl phthalate	NS	NS	NA	NA	NA	NA
Caprolactam	NS	NS	0.0952 U	0.0926 U	NA	NA
Carbazole	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
Chrysene	1	56	0.12 D	0.678 D	0.506 D	10.9 D
Dibenzo(a,h)anthracene	0.33	0.56	0.0477 U	0.0806 JD	0.0906 JD	1.04 D
Dibenzofuran	7	350	0.0477 U	0.0464 U	0.0502 U	0.626 D
Diethyl phthalate	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
Dimethyl phthalate	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
Di-n-butyl phthalate	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
Di-n-octyl phthalate	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
Fluoranthene	100	500	0.144 D	1.27 D	0.333 D	19.6 D
Fluorene	30	500	0.0477 U	0.0464 U	0.0502 U	4.9 D
Hexachlorobenzene	0.33	6	0.0477 U	0.0464 U	0.0502 U	0.257 U
Hexachlorobutadiene	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
Hexachlorocyclopentadiene	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
Hexachloroethane	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.0533 JD	0.389 D	0.236 D	1.74 D
Isophorone	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
Naphthalene	12	500	0.0477 U	0.0464 U	0.0825 JD	272 D
Nitrobenzene	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
N-Nitrosodimethylamine	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
N-nitroso-di-n-propylamine	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
N-Nitrosodiphenylamine	NS	NS	0.0477 U	0.0464 U	0.0502 U	0.257 U
Pentachlorophenol	0.8	6.7	0.0477 U	0.0464 U	NA	NA
Phenanthrene	100	500	0.051 JD	0.513 D	0.299 D	33.1 D
Phenol	0.33	500	0.0477 U	0.0464 U	NA	NA
Pyrene	100	500	0.164 D	1.48 D	0.66 D	37.8 D
Pyridine	NS	NS	NA	NA	0.201 U	1.02 U

Table 3
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Subsurface (Phase II) Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Commercial SCO	SB-10 (0.5-1)-20170524 17E1012-01 5/24/2017 2	SB-11 (7-8)-20170522 17E0901-04 5/22/2017 100	SB-12 (8-9)-20170523 17E0947-09 5/23/2017 2	SB-13 (8-9)-20170523 17E0947-08 5/23/2017 2
Lab Sample ID	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Sampled						
Dilution						
1,1-Biphenyl	NS	NS	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
1,2-Dichlorobenzene	1.1	500	0.047 U	0.262 U	0.0492 U	0.0479 U
1,2-Diphenylhydrazine (as Azobenzene)	NS	NS	NA	NA	NA	NA
1,3-Dichlorobenzene	2.4	280	0.047 U	0.262 U	0.0492 U	0.0479 U
1,4-Dichlorobenzene	1.8	130	0.047 U	0.262 U	0.0492 U	0.0479 U
2,2'-oxybis[1-chloropropane]	NS	NS	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NS	NS	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	NA	NA	NA	NA
2,4-Dichlorophenol	NS	NS	NA	NA	NA	NA
2,4-Dimethylphenol	NS	NS	NA	NA	NA	NA
2,4-Dinitrophenol	NS	NS	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
2,6-Dinitrotoluene	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
2-Chloronaphthalene	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
2-Chlorophenol	NS	NS	NA	NA	NA	NA
2-Methylnaphthalene	NS	NS	0.047 U	41.3 D	0.0492 U	0.0479 U
2-Methylphenol	0.33	500	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NA	NA	NA	NA
2-Nitrophenol	NS	NS	NA	NA	NA	NA
3- & 4-Methylphenols	0.33	500	NA	NA	NA	NA
3,3-Dichlorobenzidine	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
3-Nitroaniline	NS	NS	0.094 U	0.522 U	0.0982 U	0.0956 U
4,6-Dinitro-2-methylphenol	NS	NS	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
4-Chloro-3-methylphenol	NS	NS	NA	NA	NA	NA
4-Chloroaniline	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
4-Chlorophenyl phenyl ether	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
4-Nitroaniline	NS	NS	0.094 U	0.522 U	0.0982 U	0.0956 U
4-Nitrophenol	NS	NS	NA	NA	NA	NA
Acenaphthene	20	500	0.047 U	5.65 D	0.0492 U	0.0479 U
Acenaphthylene	100	500	0.054 JD	21.3 D	0.516 D	0.0479 U
Acetophenone	NS	NS	NA	NA	NA	NA
Aniline	NS	NS	0.187 U	1.05 U	0.197 U	0.191 U
Anthracene	100	500	0.047 U	31.2 D	0.166 D	0.0479 U
Atrazine	NS	NS	NA	NA	NA	NA
Benzaldehyde	NS	NS	NA	NA	NA	NA
Benzidine	NS	NS	NA	NA	NA	NA
Benzo(a)anthracene	1	5.6	0.079 JD	51.7 D	0.92 D	0.0856 JD
Benzo(a)pyrene	1	1	0.084 JD	12.7 D	0.692 D	0.0611 JD
Benzo(b)fluoranthene	1	5.6	0.047 U	24.6 D	0.627 D	0.0527 JD
Benzo(g,h,i)perylene	100	500	0.072 JD	11.3 D	0.371 D	0.0479 U
Benzo(k)fluoranthene	0.8	56	0.100 D	13 D	0.751 D	0.0619 JD
Benzoic acid	NS	NS	NA	NA	NA	NA
Benzyl alcohol	NS	NS	NA	NA	NA	NA
Benzyl butyl phthalate	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
Bis(2-chloroethoxy)methane	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
Bis(2-chloroethyl)ether	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
Bis(2-chloroisopropyl)ether	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
Bis(2-ethylhexyl)phthalate	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
Butyl benzyl phthalate	NS	NS	NA	NA	NA	NA
Caprolactam	NS	NS	NA	NA	NA	NA
Carbazole	NS	NS	0.047 U	1.26 D	0.0492 U	0.0479 U
Chrysene	1	56	0.121 D	63.9 D	1.04 D	0.094 JD
Dibenzo(a,h)anthracene	0.33	0.56	0.047 U	6.92 D	0.141 D	0.0479 U
Dibenzofuran	7	350	0.047 U	4.87 D	0.0492 U	0.0479 U
Diethyl phthalate	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
Dimethyl phthalate	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
Di-n-butyl phthalate	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
Di-n-octyl phthalate	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
Fluoranthene	100	500	0.091 JD	81.4 D	0.91 D	0.129 D
Fluorene	30	500	0.047 U	30.9 D	0.0492 U	0.0479 U
Hexachlorobenzene	0.33	6	0.047 U	0.262 U	0.0492 U	0.0479 U
Hexachlorobutadiene	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
Hexachlorocyclopentadiene	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
Hexachloroethane	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.047 U	11.6 D	0.431 D	0.0479 U
Isophorone	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
Naphthalene	12	500	0.047 U	26.8 D	0.0668 JD	0.0479 U
Nitrobenzene	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
N-Nitrosodimethylamine	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
N-nitroso-di-n-propylamine	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
N-Nitrosodiphenylamine	NS	NS	0.047 U	0.262 U	0.0492 U	0.0479 U
Pentachlorophenol	0.8	6.7	NA	NA	NA	NA
Phenanthrene	100	500	0.047 JD	165 D	0.394 D	0.117 D
Phenol	0.33	500	NA	NA	NA	NA
Pyrene	100	500	0.176 D	150 D	1.45 D	0.186 D
Pyridine	NS	NS	0.187 U	1.05 U	0.197 U	0.191 U

Table 3
12-02 38th Avenue
Long Island City, NY

Subsurface (Phase II) Investigation Soil Analytical Results
 Semi-Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Commercial SCO	SB-14 (7-8)-20170523 17E0947-02 5/23/2017 2	SB-15 (8-9)-20170523 17E0947-05 5/23/2017 2	SB-16 (8-9)-20170524 17E1049-02 5/24/2017 10	SB-17 (6.5-7.5)-20170524 17E1049-01 5/24/2017 2
Lab Sample ID	mg/kg	mg/kg				
Date Sampled						
Dilution						
mg/kg						
1,1-Biphenyl	NS	NS	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
1,2-Dichlorobenzene	1.1	500	0.0511 U	0.0516 U	0.281 U	0.0505 U
1,2-Diphenylhydrazine (as Azobenzene)	NS	NS	NA	NA	NA	NA
1,3-Dichlorobenzene	2.4	280	0.0511 U	0.0516 U	0.281 U	0.0505 U
1,4-Dichlorobenzene	1.8	130	0.0511 U	0.0516 U	0.281 U	0.0505 U
2,2'-oxybis[1-chloropropane]	NS	NS	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NS	NS	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	NA	NA	NA	NA
2,4-Dichlorophenol	NS	NS	NA	NA	NA	NA
2,4-Dimethylphenol	NS	NS	NA	NA	NA	NA
2,4-Dinitrophenol	NS	NS	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
2,6-Dinitrotoluene	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
2-Chloronaphthalene	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
2-Chlorophenol	NS	NS	NA	NA	NA	NA
2-Methylnaphthalene	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
2-Methylphenol	0.33	500	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NA	NA	NA	NA
2-Nitrophenol	NS	NS	NA	NA	NA	NA
3- & 4-Methylphenols	0.33	500	NA	NA	NA	NA
3,3-Dichlorobenzidine	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
3-Nitroaniline	NS	NS	0.102 U	0.103 U	0.561 U	0.101 U
4,6-Dinitro-2-methylphenol	NS	NS	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
4-Chloro-3-methylphenol	NS	NS	NA	NA	NA	NA
4-Chloroaniline	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
4-Chlorophenyl phenyl ether	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
4-Nitroaniline	NS	NS	0.102 U	0.103 U	0.561 U	0.101 U
4-Nitrophenol	NS	NS	NA	NA	NA	NA
Acenaphthene	20	500	0.0652 JD	0.0516 U	0.281 U	0.0505 U
Acenaphthylene	100	500	0.0511 U	0.0516 U	0.475 JD	0.0505 U
Acetophenone	NS	NS	NA	NA	NA	NA
Aniline	NS	NS	0.204 U	0.206 U	1.12 U	0.202 U
Anthracene	100	500	0.21 D	0.0516 U	0.471 JD	0.0505 U
Atrazine	NS	NS	NA	NA	NA	NA
Benzaldehyde	NS	NS	NA	NA	NA	NA
Benzidine	NS	NS	NA	NA	NA	NA
Benzo(a)anthracene	1	5.6	0.541 D	0.0516 U	2.29 D	0.0505 U
Benzo(a)pyrene	1	1	0.429 D	0.0516 U	0.56 JD	0.0505 U
Benzo(b)fluoranthene	1	5.6	0.376 D	0.0516 U	1.1 D	0.0505 U
Benzo(g,h,i)perylene	100	500	0.183 D	0.0516 U	0.471 JD	0.0505 U
Benzo(k)fluoranthene	0.8	56	0.387 D	0.0516 U	1.35 D	0.0505 U
Benzoic acid	NS	NS	NA	NA	NA	NA
Benzyl alcohol	NS	NS	NA	NA	NA	NA
Benzyl butyl phthalate	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
Bis(2-chloroethoxy)methane	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
Bis(2-chloroethyl)ether	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
Bis(2-chloroisopropyl)ether	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
Bis(2-ethylhexyl)phthalate	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
Butyl benzyl phthalate	NS	NS	NA	NA	NA	NA
Caprolactam	NS	NS	NA	NA	NA	NA
Carbazole	NS	NS	0.117 D	0.0516 U	0.281 U	0.0505 U
Chrysene	1	56	0.515 D	0.0516 U	3.4 D	0.0505 U
Dibenzo(a,h)anthracene	0.33	0.56	0.0511 U	0.0516 U	0.281 U	0.0505 U
Dibenzofuran	7	350	0.0511 U	0.0516 U	0.281 U	0.0505 U
Diethyl phthalate	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
Dimethyl phthalate	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
Di-n-butyl phthalate	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
Di-n-octyl phthalate	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
Fluoranthene	100	500	1.07 D	0.0516 U	3.45 D	0.0862 JD
Fluorene	30	500	0.0726 JD	0.0516 U	0.281 U	0.0505 U
Hexachlorobenzene	0.33	6	0.0511 U	0.0516 U	0.281 U	0.0505 U
Hexachlorobutadiene	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
Hexachlorocyclopentadiene	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
Hexachloroethane	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.236 D	0.0516 U	0.641 D	0.0505 U
Isophorone	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
Naphthalene	12	500	0.0511 U	0.0516 U	1.43 D	0.0505 U
Nitrobenzene	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
N-Nitrosodimethylamine	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
N-nitroso-di-n-propylamine	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
N-Nitrosodiphenylamine	NS	NS	0.0511 U	0.0516 U	0.281 U	0.0505 U
Pentachlorophenol	0.8	6.7	NA	NA	NA	NA
Phenanthrene	100	500	0.995 D	0.0516 U	1.48 D	0.0556 JD
Phenol	0.33	500	NA	NA	NA	NA
Pyrene	100	500	1.09 D	0.0516 U	4.49 D	0.0749 JD
Pyridine	NS	NS	0.204 U	0.206 U	1.12 U	0.202 U

Table 3

12-02 38th Avenue

Long Island City, NY

Subsurface (Phase II) Investigation Soil Analytical Results

Semi-Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Commercial SCO	SB-18(8-9)-20170609 460-135048-1-DL 06/09/2017 10	SB-19(8-9)-20170609 460-135048-2 06/09/2017 1	SB-20(8-9)-20170609 460-135048-3 06/09/2017 1
Lab Sample ID					
Date Sampled					
Dilution					
mg/kg	mg/kg	mg/kg			
1,1-Biphenyl	NS	NS	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NA	NA	NA
1,2,4-Trichlorobenzene	NS	NS	0.37 U	0.038 U	0.046 U
1,2-Dichlorobenzene	1.1	500	3.7 U	0.38 U	0.049 J
1,2-Diphenylhydrazine (as Azobenzene)	NS	NS	NA	NA	NA
1,3-Dichlorobenzene	2.4	280	3.7 U	0.38 U	0.067 J
1,4-Dichlorobenzene	1.8	130	3.7 U	0.38 U	0.46 U
2,2'-oxybis[1-chloropropane]	NS	NS	3.7 U	0.38 U	0.46 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	NA	NA	NA
2,4-Dichlorophenol	NS	NS	NA	NA	NA
2,4-Dimethylphenol	NS	NS	NA	NA	NA
2,4-Dinitrophenol	NS	NS	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.75 U	0.078 U	0.094 U
2,6-Dinitrotoluene	NS	NS	0.75 U	0.078 U	0.094 U
2-Chloronaphthalene	NS	NS	3.7 U	0.38 U	0.14 J
2-Chlorophenol	NS	NS	NA	NA	NA
2-Methylnaphthalene	NS	NS	11	0.044 J	0.32 J
2-Methylphenol	0.33	500	NA	NA	NA
2-Nitroaniline	NS	NS	3.7 U	0.38 U	0.46 U
2-Nitrophenol	NS	NS	NA	NA	NA
3- & 4-Methylphenols	0.33	500	NA	NA	NA
3,3-Dichlorobenzidine	NS	NS	1.5 U	0.15 U	0.19 U
3-Nitroaniline	NS	NS	3.7 U	0.38 U	0.46 U
4,6-Dinitro-2-methylphenol	NS	NS	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	3.7 U	0.38 U	0.46 U
4-Chloro-3-methylphenol	NS	NS	NA	NA	NA
4-Chloroaniline	NS	NS	3.7 U	0.38 U	0.46 U
4-Chlorophenyl phenyl ether	NS	NS	3.7 U	0.38 U	0.46 U
4-Nitroaniline	NS	NS	3.7 U	0.38 U	0.46 U
4-Nitrophenol	NS	NS	NA	NA	NA
Acenaphthene	20	500	1.2 J	0.054 J	0.016 J
Acenaphthylene	100	500	22	0.029 J	0.3 J
Acetophenone	NS	NS	NA	NA	NA
Aniline	NS	NS	NA	NA	NA
Anthracene	100	500	13	0.15 J	0.11 J
Atrazine	NS	NS	NA	NA	NA
Benzaldehyde	NS	NS	NA	NA	NA
Benzidine	NS	NS	NA	NA	NA
Benzo(a)anthracene	1	5.6	42	0.42	0.17
Benzo(a)pyrene	1	1	31	0.43	0.11
Benzo(b)fluoranthene	1	5.6	34	0.59	0.28
Benzo(g,h,i)perylene	100	500	30	0.54	0.26 J
Benzo(k)fluoranthene	0.8	56	13	0.2	0.77
Benzoic acid	NS	NS	NA	NA	NA
Benzyl alcohol	NS	NS	NA	NA	NA
Benzyl butyl phthalate	NS	NS	NA	NA	NA
Bis(2-chloroethoxy)methane	NS	NS	3.7 U	0.38 U	0.46 U
Bis(2-chloroethyl)ether	NS	NS	0.37 U	0.038 U	0.046 U
Bis(2-chloroisopropyl)ether	NS	NS	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NS	NS	3.7 U	0.38 U	0.46 U
Butyl benzyl phthalate	NS	NS	3.7 U	0.38 U	0.46 U
Caprolactam	NS	NS	NA	NA	NA
Carbazole	NS	NS	3.7 U	0.073 J	0.46 U
Chrysene	1	56	45	0.49	0.24 J
Dibenzo(a,h)anthracene	0.33	0.56	9.9	0.12	0.097
Dibenzofuran	7	350	0.87 J	0.043 J	0.035 J
Diethyl phthalate	NS	NS	3.7 U	0.38 U	0.46 U
Dimethyl phthalate	NS	NS	3.7 U	0.38 U	0.46 U
Di-n-butyl phthalate	NS	NS	3.7 U	0.38 U	0.46 U
Di-n-octyl phthalate	NS	NS	3.7 U	0.38 U	0.46 U
Fluoranthene	100	500	51	0.91	0.52
Fluorene	30	500	7.8	0.068 J	0.071 J
Hexachlorobenzene	0.33	6	0.37 U	0.038 U	0.046 U
Hexachlorobutadiene	NS	NS	0.75 U	0.078 U	0.094 U
Hexachlorocyclopentadiene	NS	NS	3.7 U	0.38 U	0.46 U
Hexachloroethane	NS	NS	0.37 U	0.038 U	0.046 U
Indeno(1,2,3-cd)pyrene	0.5	5.6	27	0.47	0.3
Isophorone	NS	NS	0.4 J	0.048 J	0.59
Naphthalene	12	500	16	0.17 J	1.5
Nitrobenzene	NS	NS	0.37 U	0.038 U	0.046 U
N-Nitrosodimethylamine	NS	NS	0.37 U	0.038 U	0.046 U
N-nitroso-di-n-propylamine	NS	NS	3.7 U	0.38 U	0.46 U
N-Nitrosodiphenylamine	NS	NS	NA	NA	NA
Pentachlorophenol	0.8	6.7	NA	NA	NA
Phenanthrene	100	500	35	0.79	0.53
Phenol	0.33	500	NA	NA	NA
Pyrene	100	500	79	0.91	0.36 J
Pyridine	NS	NS	NA	NA	NA

Table 3

12-02 38th Avenue

Long Island City, NY

Subsurface (Phase II) Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Commercial SCO	SB-21(8-9)-20170609 460-135048-4 06/09/2017 1	SB-22(8-9)-20170609 460-135048-5-DL 06/09/2017 50	SB-23(9-10)-20170609 460-135048-6-DL 06/09/2017 10
Lab Sample ID	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Sampled					
Dilution					
1,1-Biphenyl	NS	NS	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NA	NA	NA
1,2,4-Trichlorobenzene	NS	NS	0.036 U	2.3 U	0.39 U
1,2-Dichlorobenzene	1.1	500	0.36 U	23 U	3.9 U
1,2-Diphenylhydrazine (as Azobenzene)	NS	NS	NA	NA	NA
1,3-Dichlorobenzene	2.4	280	0.36 U	23 U	3.9 U
1,4-Dichlorobenzene	1.8	130	0.36 U	23 U	3.9 U
2,2'-oxybis[1-chloropropane]	NS	NS	0.36 U	23 U	3.9 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	NA	NA	NA
2,4-Dichlorophenol	NS	NS	NA	NA	NA
2,4-Dimethylphenol	NS	NS	NA	NA	NA
2,4-Dinitrophenol	NS	NS	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.073 U	4.8 U	0.79 U
2,6-Dinitrotoluene	NS	NS	0.073 U	4.8 U	0.79 U
2-Chloronaphthalene	NS	NS	0.016 J	23 U	3.9 U
2-Chlorophenol	NS	NS	NA	NA	NA
2-Methylnaphthalene	NS	NS	1.1	83	15
2-Methylphenol	0.33	500	NA	NA	NA
2-Nitroaniline	NS	NS	0.36 U	23 U	3.9 U
2-Nitrophenol	NS	NS	NA	NA	NA
3- & 4-Methylphenols	0.33	500	NA	NA	NA
3,3-Dichlorobenzidine	NS	NS	0.14 U	9.5 U	1.6 U
3-Nitroaniline	NS	NS	0.36 U	23 U	3.9 U
4,6-Dinitro-2-methylphenol	NS	NS	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	0.36 U	23 U	3.9 U
4-Chloro-3-methylphenol	NS	NS	NA	NA	NA
4-Chloroaniline	NS	NS	0.36 U	23 U	3.9 U
4-Chlorophenyl phenyl ether	NS	NS	0.36 U	23 U	3.9 U
4-Nitroaniline	NS	NS	0.36 U	23 U	3.9 U
4-Nitrophenol	NS	NS	NA	NA	NA
Acenaphthene	20	500	0.094 J	0.64 J	0.68 J
Acenaphthylene	100	500	4.1	1.8 J	1.9 J
Acetophenone	NS	NS	NA	NA	NA
Aniline	NS	NS	NA	NA	NA
Anthracene	100	500	1.8	23 U	2.7 J
Atrazine	NS	NS	NA	NA	NA
Benzaldehyde	NS	NS	NA	NA	NA
Benzidine	NS	NS	NA	NA	NA
Benzo(a)anthracene	1	5.6	2.6	4.9	2.5
Benzo(a)pyrene	1	1	6.5	2.8	1.6
Benzo(b)fluoranthene	1	5.6	7	3.5	1.5
Benzo(g,h,i)perylene	100	500	4.4	3.3 J	1.2 J
Benzo(k)fluoranthene	0.8	56	1.6	1.2 J	0.57
Benzoic acid	NS	NS	NA	NA	NA
Benzyl alcohol	NS	NS	NA	NA	NA
Benzyl butyl phthalate	NS	NS	NA	NA	NA
Bis(2-chloroethoxy)methane	NS	NS	0.36 U	23 U	3.9 U
Bis(2-chloroethyl)ether	NS	NS	0.036 U	2.3 U	0.39 U
Bis(2-chloroisopropyl)ether	NS	NS	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NS	NS	0.36 U	23 U	3.9 U
Butyl benzyl phthalate	NS	NS	0.36 U	23 U	3.9 U
Caprolactam	NS	NS	NA	NA	NA
Carbazole	NS	NS	0.36 U	23 U	3.9 U
Chrysene	1	56	3.8	5.6 J	2.8 J
Dibenzo(a,h)anthracene	0.33	0.56	1.5	2.3 U	0.41
Dibenzofuran	7	350	0.11 J	23 U	0.33 J
Diethyl phthalate	NS	NS	0.36 U	23 U	3.9 U
Dimethyl phthalate	NS	NS	0.36 U	23 U	3.9 U
Di-n-butyl phthalate	NS	NS	0.012 J	23 U	3.9 U
Di-n-octyl phthalate	NS	NS	0.36 U	23 U	3.9 U
Fluoranthene	100	500	3	6.4 J	4.1
Fluorene	30	500	0.71	1.6 J	2.9 J
Hexachlorobenzene	0.33	6	0.036 U	2.3 U	0.39 U
Hexachlorobutadiene	NS	NS	0.073 U	4.8 U	0.79 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	23 U	3.9 U
Hexachloroethane	NS	NS	0.036 U	2.3 U	0.39 U
Indeno(1,2,3-cd)pyrene	0.5	5.6	4.1	2.8	1
Isophorone	NS	NS	0.87	9.5 U	1.6 U
Naphthalene	12	500	1.7	360	33
Nitrobenzene	NS	NS	0.036 U	2.3 U	0.39 U
N-Nitrosodimethylamine	NS	NS	0.036 U	2.3 U	0.39 U
N-nitroso-di-n-propylamine	NS	NS	0.064 J	23 U	3.9 U
N-Nitrosodiphenylamine	NS	NS	NA	NA	NA
Pentachlorophenol	0.8	6.7	NA	NA	NA
Phenanthrene	100	500	3	8.6 J	11
Phenol	0.33	500	NA	NA	NA
Pyrene	100	500	5.1	9.3 J	5.8
Pyridine	NS	NS	NA	NA	NA

Table 3
12-02 38th Avenue
Long Island City, NY

Subsurface (Phase II) Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Commercial SCO	SB-24(8-9)-20170609 460-135048-7 06/09/2017 1	SS-1-20170522 17E0901-12 5/22/2017 5	SS-2-20170524 17E1012-03 5/24/2017 1
Lab Sample ID					
Date Sampled					
Dilution					
mg/kg	mg/kg	mg/kg			
1,1-Biphenyl	NS	NS	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NA	NA	NA
1,2,4-Trichlorobenzene	NS	NS	0.042 U	0.0525 U	0.057 U
1,2-Dichlorobenzene	1.1	500	0.42 U	0.0525 U	0.057 U
1,2-Diphenylhydrazine (as Azobenzene)	NS	NS	NA	NA	NA
1,3-Dichlorobenzene	2.4	280	0.42 U	0.0525 U	0.057 U
1,4-Dichlorobenzene	1.8	130	0.42 U	0.0525 U	0.057 U
2,2'-oxybis[1-chloropropane]	NS	NS	0.42 U	NA	NA
2,3,4,6-Tetrachlorophenol	NS	NS	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	NA	NA	NA
2,4-Dichlorophenol	NS	NS	NA	NA	NA
2,4-Dimethylphenol	NS	NS	NA	NA	NA
2,4-Dinitrophenol	NS	NS	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.085 U	0.0525 U	0.057 U
2,6-Dinitrotoluene	NS	NS	0.085 U	0.0525 U	0.057 U
2-Chloronaphthalene	NS	NS	0.021 J	0.0525 U	0.057 U
2-Chlorophenol	NS	NS	NA	NA	NA
2-Methylnaphthalene	NS	NS	0.17 J	0.0525 U	0.057 U
2-Methylphenol	0.33	500	NA	NA	NA
2-Nitroaniline	NS	NS	0.42 U	NA	NA
2-Nitrophenol	NS	NS	NA	NA	NA
3- & 4-Methylphenols	0.33	500	NA	NA	NA
3,3-Dichlorobenzidine	NS	NS	0.17 U	0.0525 U	0.057 U
3-Nitroaniline	NS	NS	0.42 U	0.105 U	0.115 U
4,6-Dinitro-2-methylphenol	NS	NS	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	0.42 U	0.0525 U	0.057 U
4-Chloro-3-methylphenol	NS	NS	NA	NA	NA
4-Chloroaniline	NS	NS	0.42 U	0.0525 U	0.057 U
4-Chlorophenyl phenyl ether	NS	NS	0.42 U	0.0525 U	0.057 U
4-Nitroaniline	NS	NS	0.42 U	0.105 U	0.115 U
4-Nitrophenol	NS	NS	NA	NA	NA
Acenaphthene	20	500	0.02 J	0.0525 U	0.057 U
Acenaphthylene	100	500	0.29 J	0.0525 U	0.057 U
Acetophenone	NS	NS	NA	NA	NA
Aniline	NS	NS	NA	0.21 U	0.229 U
Anthracene	100	500	0.1 J	0.0525 U	0.057 U
Atrazine	NS	NS	NA	NA	NA
Benzaldehyde	NS	NS	NA	NA	NA
Benzidine	NS	NS	NA	NA	NA
Benzo(a)anthracene	1	5.6	0.23	0.0525 U	0.057 U
Benzo(a)pyrene	1	1	0.1	0.0525 U	0.057 U
Benzo(b)fluoranthene	1	5.6	0.17	0.0525 U	0.068 JD
Benzo(g,h,i)perylene	100	500	0.092 J	0.0525 U	0.057 U
Benzo(k)fluoranthene	0.8	56	0.055	0.0525 U	0.057 U
Benzoic acid	NS	NS	NA	NA	NA
Benzyl alcohol	NS	NS	NA	NA	NA
Benzyl butyl phthalate	NS	NS	NA	0.0525 U	0.334 D
Bis(2-chloroethoxy)methane	NS	NS	0.42 U	0.0525 U	0.057 U
Bis(2-chloroethyl)ether	NS	NS	0.042 U	0.0525 U	0.057 U
Bis(2-chloroisopropyl)ether	NS	NS	NA	0.0525 U	0.057 U
Bis(2-ethylhexyl)phthalate	NS	NS	0.42 U	6.88 D	4.50 D
Butyl benzyl phthalate	NS	NS	0.42 U		
Caprolactam	NS	NS	NA	NA	NA
Carbazole	NS	NS	0.42 U	0.0525 U	0.057 U
Chrysene	1	56	0.34 J	0.0525 U	0.079 JD
Dibenzo(a,h)anthracene	0.33	0.56	0.033 J	0.0525 U	0.057 U
Dibenzofuran	7	350	0.023 J	0.0525 U	0.057 U
Diethyl phthalate	NS	NS	0.42 U	0.0525 U	0.057 U
Dimethyl phthalate	NS	NS	0.42 U	0.156 D	0.057 U
Di-n-butyl phthalate	NS	NS	0.42 U	0.173 D	0.247 D
Di-n-octyl phthalate	NS	NS	0.42 U	0.442 D	0.057 U
Fluoranthene	100	500	0.44	0.0525 U	0.106 JD
Fluorene	30	500	0.079 J	0.0525 U	0.057 U
Hexachlorobenzene	0.33	6	0.042 U	0.0525 U	0.057 U
Hexachlorobutadiene	NS	NS	0.085 U	0.0525 U	0.057 U
Hexachlorocyclopentadiene	NS	NS	0.42 U	0.0525 U	0.057 U
Hexachloroethane	NS	NS	0.042 U	0.0525 U	0.057 U
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.082	0.0525 U	0.057 U
Isophorone	NS	NS	4.6	0.0525 U	0.057 U
Naphthalene	12	500	0.43	0.0525 U	0.057 U
Nitrobenzene	NS	NS	0.042 U	0.0525 U	0.057 U
N-Nitrosodimethylamine	NS	NS	0.042 U	0.0525 U	0.057 U
N-nitroso-di-n-propylamine	NS	NS	0.42 U	0.0525 U	0.057 U
N-Nitrosodiphenylamine	NS	NS	NA	0.0525 U	0.057 U
Pentachlorophenol	0.8	6.7	NA	NA	NA
Phenanthrene	100	500	0.46	0.057 JD	0.113 JD
Phenol	0.33	500	NA	NA	NA
Pyrene	100	500	0.68	0.0525 U	0.115 JD
Pyridine	NS	NS	NA	0.21 U	0.229 U

Table 4
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID	NYSDEC Part 375	NYSDEC Part 375	SB-1 (1-2)-20170522	SB-1 (8-9)-20170522	SB-2 (0.5-1)-20170524	SB-3 (1-2)-20170522
Lab Sample ID	Unrestricted	Commercial	17E0901-09	17E0901-10	17E1012-02	17E0901-06
Date Sampled	5/22/2017					
Dilution	1					
PCBs - mg/kg	mg/kg	mg/kg				
Aroclor 1016	NS	NS	0.0188 U	0.0204 U	0.0214 U	0.0182 U
Aroclor 1221	NS	NS	0.0188 U	0.0204 U	0.0214 U	0.0182 U
Aroclor 1232	NS	NS	0.0188 U	0.0204 U	0.0214 U	0.0182 U
Aroclor 1242	NS	NS	0.0188 U	0.0204 U	0.0214 U	0.0182 U
Aroclor 1248	NS	NS	0.0188 U	0.0204 U	0.0214 U	0.0182 U
Aroclor 1254	NS	NS	0.0188 U	0.0204 U	0.0214 U	0.0182 U
Aroclor 1260	NS	NS	0.0188 U	0.0204 U	0.0214 U	0.0182 U
Total PCBs	0.1	1	0.0188 U	0.0204 U	0.0214 U	0.0182 U

Pesticides - mg/kg	mg/kg	mg/kg	5	5	5	5
4,4'-DDD	0.0033	92	0.00186 U	0.00202 U	0.0021 U	0.0018 U
4,4'-DDE	0.0033	62	0.00186 U	0.00202 U	0.0021 U	0.0018 U
4,4'-DDT	0.0033	47	0.00186 U	0.00202 U	0.0021 U	0.0018 U
Aldrin	0.005	0.68	0.00186 U	0.00202 U	0.0021 U	0.0018 U
alpha-BHC	0.02	3.4	0.00186 U	0.00202 U	0.0021 U	0.0018 U
alpha-Chlordane	0.094	24	0.00186 U	0.00202 U	0.0021 U	0.0018 U
beta-BHC	0.036	3	0.00186 U	0.00202 U	0.0021 U	0.0018 U
Chlordane, total	NS	NS	0.0372 U	0.0403 U	0.0424 U	0.0361 U
delta-BHC	0.04	500	0.00186 U	0.00202 U	0.0021 U	0.0018 U
Dieldrin	0.005	1.4	0.00186 U	0.00202 U	0.0021 U	0.0018 U
Endosulfan I	2.4 TS	200 TS	0.00186 U	0.00202 U	0.0021 U	0.0018 U
Endosulfan II	2.4 TS	200 TS	0.00186 U	0.00202 U	0.0021 U	0.0018 U
Endosulfan sulfate	2.4 TS	200 TS	0.00186 U	0.00202 U	0.0021 U	0.0018 U
Endrin	0.014	89	0.00186 U	0.00202 U	0.0021 U	0.0018 U
Endrin aldehyde	NS	NS	0.00186 U	0.00202 U	0.0021 U	0.0018 U
Endrin ketone	NS	NS	0.00186 U	0.00202 U	0.0021 U	0.0018 U
gamma-BHC (Lindane)	0.1	9.2	0.00186 U	0.00202 U	0.0021 U	0.0018 U
gamma-Chlordane	NS	NS	0.00186 U	0.00202 U	0.0021 U	0.0018 U
Heptachlor	0.042	15	0.00186 U	0.00202 U	0.0021 U	0.0018 U
Heptachlor epoxide	NS	NS	0.00186 U	0.00202 U	0.0021 U	0.0018 U
Methoxychlor	NS	NS	0.0093 U	0.0101 U	0.0106 U	0.00902 U
Toxaphene	NS	NS	0.0941 U	0.102 U	0.1070 U	0.0913 U

Table 4
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID	NYSDEC Part 375	NYSDEC Part 375	SB-3 (8-9)-20170522	SB-4 (4-5)-20170522	SB-4 (8-9)-20170522	SB-5 (1-2)-20170523
Lab Sample ID	Unrestricted	Commercial	17E0901-07	17E0901-01	17E0901-02	17E0947-03
Date Sampled			5/22/2017	5/22/2017	5/22/2017	5/23/2017
Dilution			1	1	1	1
PCBs - mg/kg	mg/kg	mg/kg				
Aroclor 1016	NS	NS	0.0198 U	0.0201 U	0.0205 U	0.0189 U
Aroclor 1221	NS	NS	0.0198 U	0.0201 U	0.0205 U	0.0189 U
Aroclor 1232	NS	NS	0.0198 U	0.0201 U	0.0205 U	0.0189 U
Aroclor 1242	NS	NS	0.0198 U	0.0201 U	0.0205 U	0.0189 U
Aroclor 1248	NS	NS	0.0198 U	0.0201 U	0.0205 U	0.0189 U
Aroclor 1254	NS	NS	0.0198 U	0.0201 U	0.0205 U	0.0189 U
Aroclor 1260	NS	NS	0.0198 U	0.0201 U	0.0205 U	0.0189 U
Total PCBs	0.1	1	0.0198 U	0.0201 U	0.0205 U	0.0189 U

Pesticides - mg/kg	mg/kg	mg/kg	5	5	5	5
4,4'-DDD	0.0033	92	0.00196 U	0.00199 U	0.00203 U	0.00188 U
4,4'-DDE	0.0033	62	0.00196 U	0.00199 U	0.00203 U	0.00188 U
4,4'-DDT	0.0033	47	0.00196 U	0.00199 U	0.00203 U	0.00188 U
Aldrin	0.005	0.68	0.00196 U	0.00199 U	0.00203 U	0.00188 U
alpha-BHC	0.02	3.4	0.00196 U	0.00199 U	0.00203 U	0.00188 U
alpha-Chlordane	0.094	24	0.00196 U	0.00199 U	0.00203 U	0.00188 U
beta-BHC	0.036	3	0.00196 U	0.00199 U	0.00203 U	0.00188 U
Chlordane, total	NS	NS	0.0392 U	0.0399 U	0.0407 U	0.0375 U
delta-BHC	0.04	500	0.00196 U	0.00199 U	0.00203 U	0.00188 U
Dieldrin	0.005	1.4	0.00196 U	0.00199 U	0.00203 U	0.00188 U
Endosulfan I	2.4 TS	200 TS	0.00196 U	0.00199 U	0.00203 U	0.00188 U
Endosulfan II	2.4 TS	200 TS	0.00196 U	0.00199 U	0.00203 U	0.00188 U
Endosulfan sulfate	2.4 TS	200 TS	0.00196 U	0.00199 U	0.00203 U	0.00188 U
Endrin	0.014	89	0.00196 U	0.00199 U	0.00203 U	0.00188 U
Endrin aldehyde	NS	NS	0.00196 U	0.00199 U	0.00203 U	0.00188 U
Endrin ketone	NS	NS	0.00196 U	0.00199 U	0.00203 U	0.00188 U
gamma-BHC (Lindane)	0.1	9.2	0.00196 U	0.00199 U	0.00203 U	0.00188 U
gamma-Chlordane	NS	NS	0.00196 U	0.00199 U	0.00203 U	0.00188 U
Heptachlor	0.042	15	0.00196 U	0.00199 U	0.00203 U	0.00188 U
Heptachlor epoxide	NS	NS	0.00196 U	0.00199 U	0.00203 U	0.00188 U
Methoxychlor	NS	NS	0.0098 U	0.00997 U	0.0102 U	0.00938 U
Toxaphene	NS	NS	0.0992 U	0.101 U	0.103 U	0.095 U

Table 4
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID	NYSDEC Part 375	NYSDEC Part 375	SB-5 (11-12)-20170523	SB-6 (4-5)-20170523	SB-6 (8-9)-20170523	SB-7 (1-2)-20170523	SB-7 (8-9)-20170523
Lab Sample ID	Unrestricted	Commercial	17E0947-04	17E0947-06	17E0947-07	17E0947-10	17E0947-11
Date Sampled	Unrestricted	Commercial	5/23/2017	5/23/2017	5/23/2017	5/23/2017	5/23/2017
Dilution	SCO	SCO	1	1	1	1	1
PCBs - mg/kg	mg/kg	mg/kg					
Aroclor 1016	NS	NS	0.0206 U	0.0199 U	0.0182 U	0.019 U	0.0186 U
Aroclor 1221	NS	NS	0.0206 U	0.0199 U	0.0182 U	0.019 U	0.0186 U
Aroclor 1232	NS	NS	0.0206 U	0.0199 U	0.0182 U	0.019 U	0.0186 U
Aroclor 1242	NS	NS	0.0206 U	0.0199 U	0.0182 U	0.019 U	0.0186 U
Aroclor 1248	NS	NS	0.0206 U	0.0199 U	0.0182 U	0.019 U	0.0186 U
Aroclor 1254	NS	NS	0.0206 U	0.0199 U	0.0182 U	0.019 U	0.0186 U
Aroclor 1260	NS	NS	0.0206 U	0.0199 U	0.0182 U	0.019 U	0.0186 U
Total PCBs	0.1	1	0.0206 U	0.0199 U	0.0182 U	0.019 U	0.0186 U

Pesticides - mg/kg	mg/kg	mg/kg	5	5	5	5	5
4,4'-DDD	0.0033	92	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
4,4'-DDE	0.0033	62	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
4,4'-DDT	0.0033	47	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
Aldrin	0.005	0.68	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
alpha-BHC	0.02	3.4	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
alpha-Chlordane	0.094	24	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
beta-BHC	0.036	3	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
Chlordane, total	NS	NS	0.0408 U	0.0393 U	0.0361 U	0.0377 U	0.0367 U
delta-BHC	0.04	500	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
Dieldrin	0.005	1.4	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
Endosulfan I	2.4 TS	200 TS	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
Endosulfan II	2.4 TS	200 TS	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
Endosulfan sulfate	2.4 TS	200 TS	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
Endrin	0.014	89	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
Endrin aldehyde	NS	NS	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
Endrin ketone	NS	NS	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
gamma-BHC (Lindane)	0.1	9.2	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
gamma-Chlordane	NS	NS	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
Heptachlor	0.042	15	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
Heptachlor epoxide	NS	NS	0.00204 U	0.00197 U	0.0018 U	0.00188 U	0.00184 U
Methoxychlor	NS	NS	0.0102 U	0.00984 U	0.00902 U	0.00941 U	0.00919 U
Toxaphene	NS	NS	0.103 U	0.0996 U	0.0913 U	0.0953 U	0.093 U

Table 5
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Metals

Client ID	NYSDEC Part 375	NYSDEC Part 375	SB-1 (1-2)-20170522 17E0901-09	SB-1 (8-9)-20170522 17E0901-10	SB-2 (0.5-1)-20170524 17E1012-02	SB-3 (1-2)-20170522 17E0901-06
Lab Sample ID	Unrestricted	Commercial	5/22/2017	5/22/2017	5/24/2017	5/22/2017
Date Sampled						
Dilution	SCO	SCO	1	1	5	1
mg/kg	mg/kg	mg/kg				
Aluminum	NS	NS	11,100	10,400	14,400 BD	5,540
Antimony	NS	NS	0.564 U	0.611 U	3.210 U	0.547 U
Arsenic	13	16	1.13 U	1.22 U	124 D	4.7
Barium	350	400	86.8	127	583 D	376
Beryllium	7.2	590	0.113 U	0.122 U	0.642 U	0.109 U
Cadmium	2.5	9.3	0.915	1.06	2.460 D	1.24
Calcium	NS	NS	909	1,340	58,000 D	8,650
Chromium	30***	1,500***	21.1	24.4	51.400 D	10.2
Cobalt	NS	NS	12.2	11.6	33.1 D	6.46
Copper	50	270	43.4	33.9	841 D	73.6
Iron	NS	NS	19,000	17,500	NT	11,400
Lead	63	1,000	23	78.8	1,310 D	562
Magnesium	NS	NS	3,340	4,550	7,960 D	2,660
Manganese	1,600	10,000	488	205	1,070 D	138
Mercury	0.18	2.8	0.0478	0.122	0.138	0.164
Nickel	30	310	22.3	25.4	89.7 D	11.6
Potassium	NS	NS	3,720 B	5,130 B	2,680 D	3,010 B
Selenium	3.9	1,500	2.75	2.13	126 D	2.65
Silver	2	1,500	0.564 U	0.611 U	3.21 U	0.547 U
Sodium	NS	NS	424 B	415 B	284 D	485 B
Thallium	NS	NS	1.13 U	1.22 U	6.42 U	1.09 U
Vanadium	NS	NS	30.4	31.8	120 D	18.3
Zinc	109	10,000	45.9	96.3	394 D	112

† Dilution factor varies

Table 5
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Metals

Client ID	NYSDEC	NYSDEC	SB-3 (8-9)-20170522	SB-4 (4-5)-20170522	SB-4 (8-9)-20170522	SB-5 (1-2)-20170523
Lab Sample ID	Part 375	Part 375	17E0901-07	17E0901-01	17E0901-02	17E0947-03
Date Sampled	Unrestricted	Commercial	5/22/2017	5/22/2017	5/22/2017	5/23/2017
Dilution	SCO	SCO	1	1/10 †	1	1
mg/kg	mg/kg	mg/kg				
Aluminum	NS	NS	1,110	2,990	1,930	5,920
Antimony	NS	NS	1.08	1.02	1.29	0.569 U
Arsenic	13	16	2.74	3.83	8.42	5.41
Barium	350	400	25.9	2,300	61.8	86.9
Beryllium	7.2	590	0.119 U	0.121 U	0.123 U	0.114 U
Cadmium	2.5	9.3	0.541	1.76	1.17	0.341 U
Calcium	NS	NS	1,330	37,500	14,300	3,850
Chromium	30***	1,500***	3.05	6.67	8.83	12
Cobalt	NS	NS	6.24	3.87	4.82	5.54
Copper	50	270	84.1	24.2	46.1	44.6
Iron	NS	NS	6,940	5,720	9,920	15,800
Lead	63	1,000	22.4	8,580 D	103	181
Magnesium	NS	NS	243	2,830	1,380	2,400
Manganese	1,600	10,000	192	121	338	199
Mercury	0.18	2.8	0.0356 U	1.85	0.868	0.151
Nickel	30	310	12.5	5.5	10.6	14.9
Potassium	NS	NS	204 B	569 B	322 B	1,020
Selenium	3.9	1,500	4.09	1.41	3.32	2.61
Silver	2	1,500	0.594 U	0.604 U	0.616 U	0.569 U
Sodium	NS	NS	321 B	390 B	355 B	11.4 U
Thallium	NS	NS	1.19 U	1.21 U	1.23 U	1.14 U
Vanadium	NS	NS	5.44	8.7	10.9	15
Zinc	109	10,000	87.9	1,730	195	169

† Dilution factor varies

Table 5
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Metals

Client ID	NYSDEC	NYSDEC	SB-5 (11-12)-20170523	SB-6 (4-5)-20170523	SB-6 (8-9)-20170523	SB-7 (1-2)-20170523
Lab Sample ID	Part 375	Part 375	17E0947-04	17E0947-06	17E0947-07	17E0947-10
Date Sampled	Unrestricted	Commercial	5/23/2017	5/23/2017	5/23/2017	5/23/2017
Dilution	SCO	SCO	1	1	1	1
mg/kg	mg/kg	mg/kg				
Aluminum	NS	NS	2,090	7,170	1,660	3,390
Antimony	NS	NS	0.618 U	0.596 U	3.46	0.571 U
Arsenic	13	16	5.59	6.97	5.53	6.42
Barium	350	400	125	145	229	78.5
Beryllium	7.2	590	0.124 U	0.119 U	0.109 U	0.114 U
Cadmium	2.5	9.3	1.72	0.527	2.07	0.392
Calcium	NS	NS	14,600	25,300	6,970	8,360
Chromium	30***	1,500***	9.54	17.6	6.66	9.82
Cobalt	NS	NS	13.9	7.34	3.57	4.94
Copper	50	270	60.2	38.2	25.2	44.2
Iron	NS	NS	6,620	21,700	11,600	14,500
Lead	63	1,000	228	492	504	633
Magnesium	NS	NS	1,380	2,810	803	1,110
Manganese	1,600	10,000	94.9	375	45.8	102
Mercury	0.18	2.8	0.317	0.511	0.215	0.18
Nickel	30	310	51	20.9	9.3	13
Potassium	NS	NS	358	1,770	342	823
Selenium	3.9	1,500	2.31	3.6	2.77	2.7
Silver	2	1,500	0.618 U	0.596 U	0.547 U	0.571 U
Sodium	NS	NS	74.7	46.6	17.6	121
Thallium	NS	NS	1.24 U	1.19 U	1.09 U	1.14 U
Vanadium	NS	NS	7.81	20.7	8.1	17.7
Zinc	109	10,000	478	203	673	146

† Dilution factor varies

Table 5
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Metals

Client ID	NYSDEC Part 375	NYSDEC Part 375	SB-7 (8-9)-20170523	SB-8 (7.5-8.5)-20170523	SB-9 (8-9)-20170522	SB-10 (0.5-1)-20170524
Lab Sample ID	Unrestricted	Commercial	17E0947-11	17E0947-01	17E0901-05	17E1012-01
Date Sampled	SCO	SCO	5/23/2017	5/23/2017	5/22/2017	5/24/2017
Dilution	1	1	1	1	1	1
mg/kg	mg/kg	mg/kg				
Aluminum	NS	NS	7,580	1,730	1,380	1,550 B
Antimony	NS	NS	0.557 U	1.32	3	0.62
Arsenic	13	16	4.01	6.14	19	4.45
Barium	350	400	127	44.6	29.2	77.500
Beryllium	7.2	590	0.111 U	0.121 U	0.123 U	0.15
Cadmium	2.5	9.3	0.45	0.362 U	1.66	0.34 U
Calcium	NS	NS	24,300	4,070	4,270	1,360
Chromium	30***	1,500***	16.8	7.04	6.22	4.76
Cobalt	NS	NS	8.81	3.41	3.42	3.71
Copper	50	270	23.2	44.6	342	76.3
Iron	NS	NS	14,100	14,200	31,500	5,330
Lead	63	1,000	122	397	65.6	57.80
Magnesium	NS	NS	4,490	547	530	304
Manganese	1,600	10,000	247	46.3	139	58.10
Mercury	0.18	2.8	0.442	0.333	0.141	0.424
Nickel	30	310	15.4	10.8	7.77	6.64
Potassium	NS	NS	5,800	566	346 B	416
Selenium	3.9	1,500	2.09	4	5.12	2.80
Silver	2	1,500	0.557 U	0.603 U	0.614 U	0.56 U
Sodium	NS	NS	103	18.8	322 B	58.200
Thallium	NS	NS	1.11 U	1.21 U	1.23 U	1.12 U
Vanadium	NS	NS	21.9	9.41	20.3	7.81
Zinc	109	10,000	109	62.7	87.4	43

† Dilution factor varies

Table 5
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Metals

Client ID	NYSDEC	NYSDEC	SB-11 (7-8)-20170522	SB-12 (8-9)-20170523	SB-13 (8-9)-20170523	SB-14 (7-8)-20170523
Lab Sample ID	Part 375	Part 375	17E0901-04	17E0947-09	17E0947-08	17E0947-02
Date Sampled	Unrestricted	Commercial	5/22/2017	5/23/2017	5/23/2017	5/23/2017
Dilution	SCO	SCO	1/10 +	1	1	1
mg/kg	mg/kg	mg/kg				
Aluminum	NS	NS	1,690	2,640	4,330	939
Antimony	NS	NS	2.83	0.589 U	0.575 U	1.83
Arsenic	13	16	26.8	5.66	5.59	6.19
Barium	350	400	63.8	72.6	88.1	42.6
Beryllium	7.2	590	0.126 U	0.118 U	0.115 U	0.122 U
Cadmium	2.5	9.3	3.2	0.528	0.345 U	0.367 U
Calcium	NS	NS	14,300	3,820	3,040	149,000 E
Chromium	30***	1,500***	12.2	6.76	9.88	26.4
Cobalt	NS	NS	4.59	10.3	4.73	2.46
Copper	50	270	211	40.9	60.2	38
Iron	NS	NS	84,800 D	7,910	11,000	6,620
Lead	63	1,000	548	151	30.6	1,020
Magnesium	NS	NS	638	732	909	4,400
Manganese	1,600	10,000	158	216	104	310
Mercury	0.18	2.8	3.49	0.207	0.104	0.235
Nickel	30	310	12.5	20.3	9.56	26.9
Potassium	NS	NS	622 B	676	398	258
Selenium	3.9	1,500	10.3	2.21	3.06	1.22 U
Silver	2	1,500	0.628 U	0.589 U	0.575 U	0.611 U
Sodium	NS	NS	578 B	49.3	61.5	58.4
Thallium	NS	NS	1.26 U	1.18 U	1.15 U	1.22 U
Vanadium	NS	NS	53.7	8.92	17	4.87
Zinc	109	10,000	63.2	438	22.2	491

† Dilution factor varies

Table 5
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Commercial SCO mg/kg	SB-15 (8-9)-20170523 17E0947-05 5/23/2017 1	SB-22(8-9)-20170609 460-135048-5 06/09/2017 10	SB-23(9-10)-20170609 460-135048-6 06/09/2017 4
Aluminum	NS	NS	1,080	1540	938
Antimony	NS	NS	0.617 U	1.7 J	4.7 U
Arsenic	13	16	1.59	40.5	13.1
Barium	350	400	28.2	61 J	80.8
Beryllium	7.2	590	0.123 U	0.21 J	0.16 J
Cadmium	2.5	9.3	0.37 U	3.1	0.18 J
Calcium	NS	NS	1,160	33800	3660
Chromium	30***	1,500***	7.06	21.1	6.6
Cobalt	NS	NS	5.41	11.5 J	4.2 J
Copper	50	270	16.7	579	306
Iron	NS	NS	4,140	162000	29100
Lead	63	1,000	13	482	284
Magnesium	NS	NS	176	1520 J	234 J
Manganese	1,600	10,000	155	584	103
Mercury	0.18	2.8	0.037 U	0.11	0.20
Nickel	30	310	10.5	44.2	8.8 J
Potassium	NS	NS	191	782 J	189 J
Selenium	3.9	1,500	1.23	14 U	4.7 U
Silver	2	1,500	0.617 U	7 U	0.37 J
Sodium	NS	NS	12.3 U	3490 U	119 J
Thallium	NS	NS	1.23 U	14 U	4.7 U
Vanadium	NS	NS	6.42	53.4	15.5
Zinc	109	10,000	50	1870	191

† Dilution factor varies

Table 5
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Analytical Results
Metals

Client ID	NYSDEC Part 375	NYSDEC Part 375	SB-24(8-9)-20170609 460-135048-7	SS-1-20170522 17E0901-12	SS-2-20170524 17E1012-03
Lab Sample ID	Unrestricted	Commercial	06/09/2017	5/22/2017	5/24/2017
Date Sampled	SCO	SCO	4	1	1
Dilution	mg/kg	mg/kg			
mg/kg	mg/kg	mg/kg			
Aluminum	NS	NS	4610	1,780	3,070 B
Antimony	NS	NS	5 U	0.628 U	0.687 U
Arsenic	13	16	11.2	1.26 U	1.800
Barium	350	400	33.6 J	14.8	31.100
Beryllium	7.2	590	0.41 J	0.126 U	0.137 U
Cadmium	2.5	9.3	0.53 J	0.377 U	0.558
Calcium	NS	NS	6730	11,800	56,000
Chromium	30***	1,500***	9.6	30.3	8.660
Cobalt	NS	NS	16.6	25.2	55.100
Copper	50	270	43.5	200	171
Iron	NS	NS	14700	6,920	5,050
Lead	63	1,000	68.9	2.81	31.800
Magnesium	NS	NS	5300	1,730	6,340
Manganese	1,600	10,000	527	48.5	73.900
Mercury	0.18	2.8	0.037	0.0377 U	0.0412 U
Nickel	30	310	39.1	121	17
Potassium	NS	NS	480 J	905 B	457
Selenium	3.9	1,500	5 U	1.26 U	1.370 U
Silver	2	1,500	0.4 J	0.628 U	0.687 U
Sodium	NS	NS	172 J	460 B	511
Thallium	NS	NS	5 U	1.26 U	1.370 U
Vanadium	NS	NS	16.5	37.3	12
Zinc	109	10,000	504	78	199

† Dilution factor varies

Table 6
12-02 38th Avenue
Long Island City, NY

Subsurface (Phase II) Investigation Groundwater Analytical Results
 Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/L	NYSDEC Class GA Ambient Standard (Class E) µg/L	MW-1-20170523 17E0947-12 5/23/2017 1	MW-2-20170524 17E1012-06 5/24/2017 1	MW-3-20170522 17E0901-08 5/22/2017 10	MW-4-20170522 17E0901-03 5/22/2017 1	MW-5-20170523 17E0947-13 5/23/2017 5
1,1,1,2-Tetrachloroethane	5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,1,1-Trichloroethane	5	0.2 U	0.2 U	24	0.2 U	1 U
1,1,2,2-Tetrachloroethane	5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,1,2-Trichloroethane	1	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,1-Dichloroethane	5	0.2 U	0.2 U	2	0.24 J	1 U
1,1-Dichloroethylene	5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,2,3-Trichlorobenzene	5 (10 TS)	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,2,3-Trichloropropane	0.04	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,2,4-Trichlorobenzene	5 (10 TS)	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,2,4-Trimethylbenzene	5	0.2 U	0.2 J	0.2 U	6.1	29 D
1,2-Dibromo-3-chloropropane	0.04	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,2-Dibromoethane	0.0006	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,2-Dichlorobenzene	3	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,2-Dichloroethane	0.6	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,2-Dichloropropane	1	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,3,5-Trimethylbenzene	5	0.2 U	0.2 U	0.2 U	2	14 D
1,3-Dichlorobenzene	3	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,4-Dichlorobenzene	3	0.2 U	0.2 U	0.5	0.2 U	1 U
1,4-Dioxane	NS	40 U	40 U	40 U	40 U	200 U
2-Butanone	50	0.2 U	0.2 U	0.2 U	0.2 U	1 U
2-Hexanone	50	0.2 U	0.2 U	0.2 U	0.2 U	1 U
4-Methyl-2-pentanone	NS	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Acetone	50	2.1	1 JB	1.2 JB	1 U	5 U
Acrolein	5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Acrylonitrile	5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Benzene	1	0.2 U	0.2 J	0.95	2.1	2.2 JD
Bromochloromethane	5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Bromodichloromethane	50	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Bromoform	50	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Bromomethane	5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Carbon disulfide	60	0.24 J	0.3 J	0.76	0.2 U	1 U
Carbon tetrachloride	5	0.83	0.2 U	NA	0.2 U	1 U
Chlorobenzene	5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Chlorobromomethane	NS	NA	NA	NA	NA	NA
Chlorodibromomethane	NS	NA	NA	NA	NA	NA
Chloroethane	5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Chloroform	7	0.97	0.2 U	290 D	0.2 U	1 U
Chloromethane	5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
cis-1,2-Dichloroethylene	5	0.2 U	0.2 U	0.97	0.2 U	5.8 D
cis-1,3-Dichloropropylene	0.4 TS	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Cyclohexane	NS	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Dibromochloromethane	50	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Dibromomethane	5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Dichlorodifluoromethane	5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Ethyl Benzene	5	0.2 U	0.8	0.2 U	3.6	2.6 D
Ethylene Dibromide	NS	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Isopropylbenzene	5	0.2 U	0.2 U	0.2 U	0.21 J	1.2 JD
Methyl acetate	NS	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Methyl tert-butyl ether (MTBE)	10	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Methylcyclohexane	NS	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Methylene chloride	5	1 U	1 U	1 J	1 U	5 U
n-Butylbenzene	5	0.2 U	0.2 U	0.2 U	0.2 U	1.2 JD
n-Propylbenzene	5	0.2 U	0.2 U	0.2 U	0.31 J	1 U
p- & m- Xylenes	5	0.5 J	1	0.87 J	24	20 D
o-Xylene	5	0.2 U	0.3 J	0.22 J	12	18 D
p-Isopropyltoluene	5	0.2 U	0.2 U	0.2 U	0.2 U	1.3 JD
sec-Butylbenzene	5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Styrene	5	0.2 U	0.3 J	0.2 U	4	3.4 D
tert-Butyl alcohol (TBA)	NS	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U
tert-Butylbenzene	5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Tetrachloroethylene	5	1.9	3.9	1.8	0.2 U	1 U
Toluene	5	0.38 J	0.5 J	0.2 U	7.9	3.2 D
trans-1,2-Dichloroethylene	5	1	0.2 U	0.2 U	0.2 U	1 U
trans-1,3-Dichloropropylene	0.4 TS	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Trichloroethylene	5	0.2 U	0.5 J	0.31 J	0.2 U	5.2 D
Trichlorofluoromethane	5	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Vinyl Chloride	2	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Xylenes, Total	NS	0.6 U	1.3 J	1.1 J	36	39 D

Table 6
12-02 38th Avenue
Long Island City, NY

Subsurface (Phase II) Investigation Groundwater Analytical Results
 Volatile Organic Compounds

Client ID	NYSDEC	MW-6-20170524	MW-7-20170524	MW-18-20170609	MW-19-20170609	MW-20-20170609
Lab Sample ID	Class GA	17E1012-05	17E1012-04	460-135048-8	460-135048-9	460-135048-10
Date Sampled	Ambient	5/24/2017	5/24/2017	06/09/2017	06/09/2017	06/09/2017
Dilution	Standard	1	1	1	1	1
µg/L	(Class E) µg/L					
1,1,1,2-Tetrachloroethane	5	0.2 U	0.2 U	NA	NA	NA
1,1,1-Trichloroethane	5	0.2 U	0.2 U	13.00	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5	0.2 U	0.2 U	5.4	1.0 U	1.0 U
1,1-Dichloroethylene	5	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	5 (10 TS)	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichloropropane	0.04	0.2 U	0.2 U	NA	NA	NA
1,2,4-Trichlorobenzene	5 (10 TS)	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	5	0.2 U	0.7	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.04	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	0.0006	0.2 U	0.2 U	NA	NA	NA
1,2-Dichlorobenzene	3	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	1	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	5	0.2 U	0.2 U	NA	NA	NA
1,3-Dichlorobenzene	3	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	3	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
1,4-Dioxane	NS	40 U	40 U	50.0 U	50.0 U	50.0 U
2-Butanone	50	0.2 U	0.2 U	5.0 U	5.0 U	5.0 U
2-Hexanone	50	0.2 U	0.2 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	NS	0.2 U	0.2 U	5.0 U	5.0 U	5.0 U
Acetone	50	1 U	1 U	5.0 U	3.3 J	5.0 U
Acrolein	5	0.2 U	0.2 U	NA	NA	NA
Acrylonitrile	5	0.2 U	0.2 U	NA	NA	NA
Benzene	1	0.2 U	0.2 U	0.3 J	1.0 U	2.8
Bromochloromethane	5	0.2 U	0.2 U	NA	NA	NA
Bromodichloromethane	50	0.2 U	0.2 U	NA	NA	NA
Bromoform	50	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
Bromomethane	5	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60	0.2 U	0.2 U	0.5 J	0.2 J	1.0 U
Carbon tetrachloride	5	0.2 U	0.2 U	94	1.0 U	1.0 U
Chlorobenzene	5	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
Chlorobromomethane	NS	NA	NA	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	NS	NA	NA	1.0 U	1.0 U	1.0 U
Chloroethane	5	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
Chloroform	7	0.2 U	0.2 U	91	1.0 U	1.0 U
Chloromethane	5	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethylene	5	3.4	1.7	0.3 J	1.0 U	0.6 J
cis-1,3-Dichloropropylene	0.4 TS	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
Cyclohexane	NS	0.2 U	0.2 U	1.0 U	1.0 U	0.3 J
Dibromochloromethane	50	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
Dibromomethane	5	0.2 U	0.2 U	NA	NA	NA
Dichlorodifluoromethane	5	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
Ethyl Benzene	5	0.2 U	0.2 U	1.0 U	1.0 U	3.5
Ethylene Dibromide	NS	NA	NA	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	0.5	0.2 U	0.2 U	NA	NA	NA
Isopropylbenzene	5	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
Methyl acetate	NS	0.2 U	0.2 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether (MTBE)	10	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
Methylcyclohexane	NS	0.2 U	0.2 U	1.0 U	1.0 U	0.4 J
Methylene chloride	5	1 U	1 U	1.2	1.0 U	1.0 U
n-Butylbenzene	5	0.2 U	0.2 U	NA	NA	NA
n-Propylbenzene	5	0.2 U	0.2 U	NA	NA	NA
p- & m- Xylenes	5	0.5 U	0.5 U	1.0 U	1.0 U	2.1
o-Xylene	5	0.2 U	0.2 U	1.0 U	1.0 U	1.2
p-Isopropyltoluene	5	0.2 U	0.2 U	NA	NA	NA
sec-Butylbenzene	5	0.2 U	0.2 U	NA	NA	NA
Styrene	5	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
tert-Butyl alcohol (TBA)	NS	0.5 U	0.5 U	NA	NA	NA
tert-Butylbenzene	5	0.2 U	0.2 U	NA	NA	NA
Tetrachloroethylene	5	0.7	0.2 U	0.7 J	1.0 U	0.2 J
Toluene	5	0.2 U	0.2 U	1.0 U	1.0 U	1.4
trans-1,2-Dichloroethylene	5	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropylene	0.4 TS	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
Trichloroethylene	5	0.2 J	0.2 U	1.0 U	1.0 U	0.3 J
Trichlorofluoromethane	5	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	2	0.2 U	0.2 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	NS	0.6 U	0.6 U	NA	NA	NA

Table 6
12-02 38th Avenue
Long Island City, NY

Subsurface (Phase II) Investigation Groundwater Analytical Results
 Volatile Organic Compounds

Client ID	NYSDEC	MW-21-20170609	TB-20170609	TB-20170523	Trip Blank	TB-20170524
Lab Sample ID	Class GA	460-135048-11	460-135048-12	17E0947-14	17E0901-11	17E1012-07
Date Sampled	Ambient	06/09/2017	06/09/2017	5/23/2017	5/22/2017	5/24/2017
Dilution	Standard (Class E)	5	1	1	1	1
µg/L	µg/L					
1,1,1,2-Tetrachloroethane	5	NA	NA	0.2 U	0.2 U	0.2 U
1,1,1-Trichloroethane	5	120	1.0 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	1	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	5	7.7	1.0 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethylene	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
1,2,3-Trichlorobenzene	5 (10 TS)	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
1,2,3-Trichloropropane	0.04	NA	NA	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	5 (10 TS)	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	5	NA	NA	0.2 U	0.2 U	0.2 U
1,2-Dibromo-3-chloropropane	0.04	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
1,2-Dibromoethane	0.0006	NA	NA	0.2 U	0.2 U	0.2 U
1,2-Dichlorobenzene	3	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	0.6	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	1	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
1,3,5-Trimethylbenzene	5	NA	NA	0.2 U	0.2 U	0.2 U
1,3-Dichlorobenzene	3	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
1,4-Dichlorobenzene	3	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
1,4-Dioxane	NS	250.0 U	50.0 U	40 U	40 U	40 U
2-Butanone	50	25.0 U	5.0 U	0.2 U	0.2 U	0.2 U
2-Hexanone	50	25.0 U	5.0 U	0.2 U	0.2 U	0.2 U
4-Methyl-2-pentanone	NS	25.0 U	5.0 U	0.2 U	0.2 U	0.2 U
Acetone	50	25.0 U	5.0 U	1 U	1 U	1 U
Acrolein	5	NA	NA	0.2 U	0.2 U	0.2 U
Acrylonitrile	5	NA	NA	0.2 U	0.2 U	0.2 U
Benzene	1	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Bromochloromethane	5	NA	NA	0.2 U	0.2 U	0.2 U
Bromodichloromethane	50	NA	NA	0.2 U	0.2 U	0.2 U
Bromoform	50	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Bromomethane	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Carbon disulfide	60	3.4 J	1.0 U	0.2 U	0.2 U	0.2 U
Carbon tetrachloride	5	1400	1.0 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Chlorobromomethane	NS	5.0 U	1.0 U	NA	NA	NA
Chlorodibromomethane	NS	5.0 U	1.0 U	NA	NA	NA
Chloroethane	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Chloroform	7	400	1.0 U	0.2 U	0.2 U	0.2 U
Chloromethane	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethylene	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropylene	0.4 TS	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Cyclohexane	NS	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	50	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Dibromomethane	5	NA	NA	0.2 U	0.2 U	0.2 U
Dichlorodifluoromethane	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Ethyl Benzene	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Ethylene Dibromide	NS	5.0 U	1.0 U	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	0.2 U	0.2 U	0.2 U
Isopropylbenzene	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Methyl acetate	NS	25.0 U	5.0 U	0.2 U	0.2 U	0.2 U
Methyl tert-butyl ether (MTBE)	10	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Methylcyclohexane	NS	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Methylene chloride	5	5.0 U	1.0 U	1 U	1 U	1 U
n-Butylbenzene	5	NA	NA	0.2 U	0.2 U	0.2 U
n-Propylbenzene	5	NA	NA	0.2 U	0.2 U	0.2 U
p- & m- Xylenes	5	5.0 U	1.0 U	0.5 U	0.5 U	0.5 U
o-Xylene	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
p-Isopropyltoluene	5	NA	NA	0.2 U	0.2 U	0.2 U
sec-Butylbenzene	5	NA	NA	0.2 U	0.2 U	0.2 U
Styrene	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
tert-Butyl alcohol (TBA)	NS	NA	NA	0.5 U	0.5 U	0.5 U
tert-Butylbenzene	5	NA	NA	0.2 U	0.2 U	0.2 U
Tetrachloroethylene	5	3.9 J	1.0 U	0.2 U	0.2 U	0.2 U
Toluene	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethylene	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropylene	0.4 TS	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Trichloroethylene	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	5	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	2	5.0 U	1.0 U	0.2 U	0.2 U	0.2 U
Xylenes, Total	NS	NA	NA	0.6 U	0.6 U	0.6 U

Table 7
12-02 38th Avenue
Long Island City, NY

Subsurface (Phase II) Investigation Groundwater Analytical Results
 Semi-Volatile Organic Compounds

Client ID	NYSDEC	MW-1-20170523	MW-2-20170524	MW-3-20170522	MW-4-20170522	MW-5-20170523	MW-6-20170524
Lab Sample ID	Class GA	17E0947-12	17E1012-06	17E0901-08	17E0901-03	17E0947-13	17E1012-05
Date Sampled	Ambient	5/23/2017	5/24/2017	5/22/2017	5/22/2017	5/23/2017	5/24/2017
Dilution	Standard	1	1	1	5	5	1
µg/L	(Class E)						
	µg/L						
1,1-Biphenyl	5	3.45 U	2.86 U	2.56 U	2.63 U	9.73	2.94 U
1,2,4,5-Tetrachlorobenzene	5 (10 TS)	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
1,2,4-Trichlorobenzene	5 (10 TS)	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
1,2-Dichlorobenzene	3	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
1,2-Diphenylhydrazine (as Azobenzene)	5	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
1,3-Dichlorobenzene	3	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
1,4-Dichlorobenzene	3	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
2,2'-oxybis[1-chloropropane]	NS	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
2,4,5-Trichlorophenol	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
2,4,6-Trichlorophenol	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
2,4-Dichlorophenol	5 (1 TS)	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
2,4-Dimethylphenol	50 (1 TS)	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
2,4-Dinitrophenol	10 (1 TS)	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
2,4-Dinitrotoluene	5	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
2,6-Dinitrotoluene	5	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
2-Chloronaphthalene	NS (10)	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
2-Chlorophenol	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
2-Methylnaphthalene	NS	3.45 U	2.86 U	2.56 U	17	87.2 D	2.94 U
2-Methylphenol	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
2-Nitroaniline	5	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
2-Nitrophenol	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
3- & 4-Methylphenols	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
3,3-Dichlorobenzidine	5	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
3-Nitroaniline	5	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
4,6-Dinitro-2-methylphenol	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
4-Bromophenyl phenyl ether	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
4-Chloro-3-methylphenol	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
4-Chloroaniline	5	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
4-Chlorophenyl phenyl ether	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
4-Nitroaniline	5	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
4-Nitrophenol	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Acenaphthene	NS (20)	0.07 U	0.08	0.574	0.821	13.5	0.06 U
Acenaphthylene	NS	0.07 U	0.06 U	0.215	6.21	82.3 D	0.06 U
Acetophenone	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Aniline	5	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Anthracene	50	0.069 U	0.13	0.0513 U	3.27	5.67	0.06 U
Atrazine	7.5	0.69 U	0.57 U	0.513 U	0.526 U	0.556 U	0.59 U
Benzaldehyde	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Benzidine	5	13.8 U	11.4 U	10.3 U	10.5 U	11.1 U	11.8 U
Benzo(a)anthracene	0.002	0.069 U	0.057 U	0.0513 U	6.02	1.3	0.0588 U
Benzo(a)pyrene	ND	0.069 U	0.057 U	0.0513 U	5.41	0.889	0.0588 U
Benzo(b)fluoranthene	0.002	0.069 U	0.057 U	0.0513 U	2.39	0.567	0.0588 U
Benzo(g,h,i)perylene	NS	0.069 U	0.057 U	0.0513 U	1.95	0.589	0.0588 U
Benzo(k)fluoranthene	0.002	0.069 U	0.057 U	0.0513 U	3.46	0.578	0.0588 U
Benzoic acid	NS	34.5 U	28.6 U	25.6 U	26.3 U	27.8 U	29.4 U
Benzyl alcohol	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Benzyl butyl phthalate	50	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Bis(2-chloroethoxy)methane	5	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Bis(2-chloroethyl)ether	1	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Bis(2-chloroisopropyl)ether	5	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Bis(2-ethylhexyl)phthalate	5	1.3 B	1.29 B	0.513 U	0.526 U	1.38 B	0.59 U
Butyl benzyl phthalate	NS	NA	NA	NA	NA	NA	NA
Caprolactam	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Carbazole	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Chrysene	0.002	0.069 U	0.057 U	0.0513 U	6.49	1.27	0.06 U
Dibenzo(a,h)anthracene	NS	0.069 U	0.057 U	0.0513 U	0.947	0.233	0.06 U
Dibenzofuran	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Diethyl phthalate	50	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Dimethyl phthalate	50	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Di-n-butyl phthalate	50	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Di-n-octyl phthalate	50	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Fluoranthene	50	0.07 U	0.10	0.0718	7.6	4.14	0.06 U
Fluorene	50	0.07 U	0.17	0.185	3.61	34.9	0.06 U
Hexachlorobenzene	0.04	0.03 U	0.02 U	0.0205 U	0.0211 U	0.0222 U	0.02 U
Hexachlorobutadiene	0.5	0.69 U	0.57 U	0.513 U	0.526 U	0.556 U	0.59 U
Hexachlorocyclopentadiene	5	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Hexachloroethane	5	0.69 U	0.57 U	0.513 U	0.526 U	0.556 U	0.59 U
Indeno(1,2,3-cd)pyrene	0.002	0.069 U	0.0571 U	0.0513 U	1.61	0.433	0.059 U
Isophorone	50	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Naphthalene	NS (10)	0.25	6.48	0.451 B	83.4 BD	132 D	0.14
Nitrobenzene	0.4	0.35 U	0.29 U	0.256 U	0.263 U	0.278 U	0.29 U
N-Nitrosodimethylamine	50	0.69 U	0.57 U	0.513 U	0.526 U	0.556 U	0.59 U
N-nitroso-di-n-propylamine	NS	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
N-Nitrosodiphenylamine	50	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Pentachlorophenol	NS (1 TS)	0.35 U	0.29 U	0.256 U	0.263 U	0.278 U	0.29 U
Phenanthrene	50	0.07 U	0.38	0.123	9.67	41.4	0.06 U
Phenol	NS (1 TS)	3.45 U	2.86 U	2.56 U	2.63 U	2.78 U	2.94 U
Pyrene	50	0.07 U	0.19	0.123	13.3	5.66	0.06 U

Table 7
12-02 38th Avenue
Long Island City, NY

Subsurface (Phase II) Investigation Groundwater Analytical Results
 Semi-Volatile Organic Compounds

Client ID	NYSDEC	MW-7-20170524	MW-18-20170609	MW-19-20170609	MW-20-20170609	MW-21-20170609
Lab Sample ID	Class GA	17E1012-04	460-135048-8	460-135048-9	460-135048-10	460-135048-11
Date Sampled	Ambient	5/24/2017	06/09/2017	06/09/2017	06/09/2017	06/09/2017
Dilution	Standard	1	1	1	1	1
µg/L	(Class E)					
	µg/L					
1,1-Biphenyl	5	2.78 U	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	5 (10 TS)	2.78 U	NA	NA	NA	NA
1,2,4-Trichlorobenzene	5 (10 TS)	2.78 U	1.0 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	3	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
1,2-Diphenylhydrazine (as Azobenzene)	5	2.78 U	NA	NA	NA	NA
1,3-Dichlorobenzene	3	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
1,4-Dichlorobenzene	3	2.78 U	10.0 U	11.0 U	11.0 U	2.0 J
2,2'-oxybis[1-chloropropane]	NS	NA	10.0 U	11.0 U	11.0 U	11.0 U
2,3,4,6-Tetrachlorophenol	NS	2.78 U	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	2.78 U	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	2.78 U	NA	NA	NA	NA
2,4-Dichlorophenol	5 (1 TS)	2.78 U	NA	NA	NA	NA
2,4-Dimethylphenol	50 (1 TS)	2.78 U	NA	NA	NA	NA
2,4-Dinitrophenol	10 (1 TS)	2.78 U	NA	NA	NA	NA
2,4-Dinitrotoluene	5	2.78 U	2.1 U	2.1 U	2.1 U	2.1 U
2,6-Dinitrotoluene	5	2.78 U	2.1 U	2.1 U	2.1 U	2.1 U
2-Chloronaphthalene	NS (10)	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
2-Chlorophenol	NS	2.78 U	NA	NA	NA	NA
2-Methylnaphthalene	NS	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
2-Methylphenol	NS	2.78 U	NA	NA	NA	NA
2-Nitroaniline	5	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
2-Nitrophenol	NS	2.78 U	NA	NA	NA	NA
3- & 4-Methylphenols	NS	2.78 U	NA	NA	NA	NA
3,3-Dichlorobenzidine	5	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
3-Nitroaniline	5	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
4,6-Dinitro-2-methylphenol	NS	2.78 U	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
4-Chloro-3-methylphenol	NS	2.78 U	NA	NA	NA	NA
4-Chloroaniline	5	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
4-Chlorophenyl phenyl ether	NS	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
4-Nitroaniline	5	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
4-Nitrophenol	NS	2.78 U	NA	NA	NA	NA
Acenaphthene	NS (20)	0.27	10.0 U	11.0 U	11.0 U	11.0 U
Acenaphthylene	NS	0.17	10.0 U	11.0 U	11.0 U	11.0 U
Acetophenone	NS	2.78 U	NA	NA	NA	NA
Aniline	5	2.78 U	NA	NA	NA	NA
Anthracene	50	0.06	10.0 U	11.0 U	11.0 U	11.0 U
Atrazine	7.5	0.56 U	NA	NA	NA	NA
Benzaldehyde	NS	2.78 U	NA	NA	NA	NA
Benzenzidine	5	11.1 U	NA	NA	NA	NA
Benzo(a)anthracene	0.002	0.0556	0.7 J	1.1 U	1.1 U	1.1 U
Benzo(a)pyrene	ND	0.0556	1.0	1.1 U	1.1 U	1.1 U
Benzo(b)fluoranthene	0.002	0.0556 U	1.3	1.1 U	1.1 U	1.1 U
Benzo(g,h,i)perylene	NS	0.0556 U	10.0 U	11.0 U	11.0 U	11.0 U
Benzo(k)fluoranthene	0.002	0.0556	1.0 U	1.1 U	1.1 U	1.1 U
Benzoic acid	NS	2.78 U	NA	NA	NA	NA
Benzyl alcohol	NS	2.78 U	NA	NA	NA	NA
Benzyl butyl phthalate	50	2.78 U	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	5	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
Bis(2-chloroethyl)ether	1	2.78 U	1.0 U	1.1 U	1.1 U	1.1 U
Bis(2-chloroisopropyl)ether	5	2.78 U	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	0.56 U	2.1 U	2.1 U	2.1 U	2.1 U
Butyl benzyl phthalate	NS	NA	10.0 U	11.0 U	11.0 U	11.0 U
Caprolactam	NS	2.78 U	NA	NA	NA	NA
Carbazole	NS	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
Chrysene	0.002	0.06 U	0.8 J	2.1 U	2.1 U	2.1 U
Dibenzo(a,h)anthracene	NS	0.06 U	1.0 U	1.1 U	1.1 U	1.1 U
Dibenzofuran	NS	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
Diethyl phthalate	50	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
Dimethyl phthalate	50	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
Di-n-butyl phthalate	50	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
Di-n-octyl phthalate	50	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
Fluoranthene	50	0.09	0.8 J	11.0 U	11.0 U	11.0 U
Fluorene	50	0.16	10.0 U	11.0 U	11.0 U	11.0 U
Hexachlorobenzene	0.04	0.02 U	1.0 U	1.1 U	1.1 U	1.1 U
Hexachlorobutadiene	0.5	0.56 U	1.0 U	1.1 U	1.1 U	1.1 U
Hexachlorocyclopentadiene	5	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
Hexachloroethane	5	0.56 U	1.0 U	1.1 U	1.1 U	3.1
Indeno(1,2,3-cd)pyrene	0.002	0.056 U	0.4 J	1.1 U	1.1 U	1.1 U
Isophorone	50	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
Naphthalene	NS (10)	0.20	10.0 U	11.0 U	8.7 J	11.0 U
Nitrobenzene	0.4	0.28 U	1.0 U	1.1 U	1.1 U	1.1 U
N-Nitrosodimethylamine	50	0.56 U	NA	NA	NA	NA
N-nitroso-di-n-propylamine	NS	2.78 U	1.0 U	1.1 U	1.1 U	1.1 U
N-Nitrosodiphenylamine	50	2.78 U	10.0 U	11.0 U	11.0 U	11.0 U
Pentachlorophenol	NS (1 TS)	0.28 U	NA	NA	NA	NA
Phenanthrene	50	0.12	0.8 J	0.8 J	11.0 U	11.0 U
Phenol	NS (1 TS)	2.78 U	NA	NA	NA	NA
Pyrene	50	0.16	1.4 J	11.0 U	11.0 U	11.0 U

Table 8
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Groundwater Analytical Results
Metals

Client ID	NYSDEC	MW-1-20170523	MW-2-20170524	MW-3-20170522	MW-4-20170522
Lab Sample ID	Class GA	17E0947-12	17E1012-06	17E0901-08	17E0901-03
Date Sampled	Ambient	5/23/2017	5/24/2017	5/22/2017	5/22/2017
Dilution	Standard	1	1	1/2 †	1/2 †
	(Class E)				
Metals, Total - µg/L	µg/L				
Aluminum	NS	476	964	112	66.1
Antimony	3	NA	1.11 U	2.22 U	2.22 U
Arsenic	25	NA	1.11 U	2.22 U	2.22 U
Barium	1000	40.1	113	88.2	89.1
Beryllium	3	NA	0.33 U	0.667 U	0.667 U
Cadmium	5	NA	0.56 U	1.11 U	1.11 U
Calcium	NS	96,100	92,900	136,000	123,000
Chromium	50	5.56 U	6.90	5.56 U	5.56 U
Copper	200	5.13	4.68	4.66	7.13
Iron	NS (300)	1,060	2,660	187	291
Lead	25	9.48	38.80	5.62	13.9
Magnesium	35000	9,760	8,890	16,000	12,600
Manganese	NS (300)	1,370	1,960	165	56.8
Mercury	0.7	NA	0.200 U	0.2 U	0.2 U
Molybdenum	NS	NA	1.11 U	2.73 D	2.35 D
Nickel	100	5.56 U	5.56 U	16.3	5.56 U
Potassium	NS	7,800	7,710	10,600	9,650
Selenium	10	NA	1.20	3.86 D	2.25 D
Silver	50	5.56 U	5.56 U	5.56 U	5.56 U
Sodium	20000	51,100	20,100	113,000	81,100
Thallium	0.5	NA	1.11 U	2.22 U	2.22 U
Vanadium	NS	11.1 U	11.10 U	11.1 U	11.1 U
Zinc	2,000 (5,000)	28.9	26.30	208	51.3

Metals, Dissolved - µg/L	µg/L	1	1	1/2 †	1/2 †
Aluminum	NS	55.6 U	55.6 U	60.6	55.6 U
Antimony	3	NA	1.11 U	2.22 U	2.22 U
Arsenic	25	NA	1.11 U	2.22 U	2.22 U
Barium	1000	37.7	78.40	128	83.6
Beryllium	3	NA	0.11 U	0.222 U	0.222 U
Cadmium	5	NA	0.56 U	1.11 U	1.11 U
Calcium	NS	87,800	83,700	187,000 B	112,000 B
Chromium	50	5.56 U	5.56 U	5.56 U	5.56 U
Copper	200	3.33 U	3.33 U	9.21	4.42
Iron	NS (300)	123	158	272	52.8
Lead	25	3.33 U	3.33 U	14.1	6.05
Magnesium	35000	8,520	7,880	22,900	11,800
Manganese	NS (300)	1,040	1,610	238	56.8
Mercury	0.7	NA	0.200 U	0.2 U	0.2 U
Molybdenum	NS	NA	1.11 U	2.84 D	2.22 U
Nickel	100	5.56 U	5.56 U	5.56 U	5.56 U
Potassium	NS	7,880	7,540	15,600	9,050
Selenium	10	NA	1.20	4.31 D	2.22 U
Silver	50	5.56 U	5.56 U	5.56 U	5.56 U
Sodium	20000	53,600	18,500	175,000 B	83,000 B
Thallium	0.5	NA	1.11 U	2.22 U	2.22 U
Vanadium	NS	11.1 U	11.10 U	11.1 U	11.1 U
Zinc	2,000 (5,000)	11.1 U	11.10 U	273 B	51.7 B

† Dilution factor varies

Table 8
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Groundwater Analytical Results
Metals

Client ID	NYSDEC	MW-5-20170523	MW-6-20170524	MW-7-20170524
Lab Sample ID	Class GA	17E0947-13	17E1012-05	17E1012-04
Date Sampled	Ambient	5/23/2017	5/24/2017	5/24/2017
Dilution	Standard	1	1	1
	(Class E)			
Metals, Total - µg/L	µg/L			
Aluminum	NS	110	288	55.60 U
Antimony	3	NA	1.11 U	1.11 U
Arsenic	25	NA	1.11 U	1.63
Barium	1000	81.9	77.10	336
Beryllium	3	NA	0.33 U	0.33 U
Cadmium	5	NA	0.56 U	0.56 U
Calcium	NS	64,600	104,000	140,000
Chromium	50	5.56 U	5.56 U	5.56 U
Copper	200	5.39	23,200	3.33 U
Iron	NS (300)	677	161	13,300
Lead	25	16.2	46.30	15.10
Magnesium	35000	8,290	13,100	10,900
Manganese	NS (300)	71.7	195	338
Mercury	0.7	NA	0.200 U	0.200 U
Molybdenum	NS	NA	2.45	1.20
Nickel	100	5.56 U	9.47	10.20
Potassium	NS	5,740	11,000	10,400
Selenium	10	NA	3.41	1.30
Silver	50	5.56 U	5.56 U	5.56 U
Sodium	20000	55,200	146,000	99,800
Thallium	0.5	NA	1.11 U	1.11 U
Vanadium	NS	11.1 U	11.10 U	11.10 U
Zinc	2,000 (5,000)	81.4	169	124

Metals, Dissolved - µg/L	µg/L	1	1	1
Aluminum	NS	55.6 U	55.6 U	55.6 U
Antimony	3	NA	1.11 U	1.11 U
Arsenic	25	NA	1.11 U	1.63
Barium	1000	78.7	66.60	323
Beryllium	3	NA	0.11 U	0.11 U
Cadmium	5	NA	0.56 U	0.56 U
Calcium	NS	66,300	99,100	137,000
Chromium	50	5.56 U	5.56 U	5.56 U
Copper	200	3.33 U	17.90	3.33 U
Iron	NS (300)	167	51.30	8,260
Lead	25	3.33 U	10.80	3.33 U
Magnesium	35000	8,390	12,600	11,200
Manganese	NS (300)	72.6	190	339
Mercury	0.7	NA	0.200 U	0.200 U
Molybdenum	NS	NA	2.45	1.20
Nickel	100	5.56 U	7.68	8.65
Potassium	NS	5,730	10,400	10,000
Selenium	10	NA	3.41	1.30
Silver	50	5.56 U	5.56 U	5.56 U
Sodium	20000	54,700	145,000	100,000
Thallium	0.5	NA	1.11 U	1.11 U
Vanadium	NS	11.1 U	11.10 U	11.10 U
Zinc	2,000 (5,000)	35.4	165	113

† Dilution factor varies

Table 9
12-02 38th Avenue
Long Island City, NY

Subsurface (Phase II) Investigation Groundwater Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID	NYSDEC	MW-1-20170523	MW-2-20170524	MW-3-20170522	MW-4-20170522	MW-5-20170523	MW-6-20170524	MW-7-20170524
Lab Sample ID	Class GA	17E0947-12	17E1012-06	17E0901-08	17E0901-03	17E0947-13	17E1012-05	17E1012-04
Date Sampled	Ambient	5/23/2017	5/24/2017	5/22/2017	5/22/2017	5/23/2017	5/24/2017	5/24/2017
Dilution	Standard	1	1	1	1	1	1	1
PCBs - µg/L	µg/L							
Aroclor 1016	NS	0.0606 U	0.0588 U	0.0513 U	0.0556 U	0.0556 U	0.0588 U	0.0541 U
Aroclor 1221	NS	0.0606 U	0.0588 U	0.0513 U	0.0556 U	0.0556 U	0.0588 U	0.0541 U
Aroclor 1232	NS	0.0606 U	0.0588 U	0.0513 U	0.0556 U	0.0556 U	0.0588 U	0.0541 U
Aroclor 1242	NS	0.0606 U	0.0588 U	0.0513 U	0.0556 U	0.0556 U	0.0588 U	0.0541 U
Aroclor 1248	NS	0.0606 U	0.0588 U	0.0513 U	0.0556 U	0.0556 U	0.0588 U	0.0541 U
Aroclor 1254	NS	0.0606 U	0.0588 U	0.0513 U	0.0556 U	0.0556 U	0.0588 U	0.0541 U
Aroclor 1260	NS	0.0606 U	0.0588 U	0.0513 U	0.0556 U	0.0556 U	0.0588 U	0.0541 U
Total PCBs	0.09	0.0606 U	0.0588 U	0.0513 U	0.0556 U	0.0556 U	0.0588 U	0.0541 U

Pesticides - µg/L	µg/L	1	1	1	1	1	1	1
4,4'-DDD	0.3	0.00485 U	0.00471 U	0.0041 U	0.00444 U	0.00444 U	0.00471 U	0.00432 U
4,4'-DDE	0.2	0.00485 U	0.00471 U	0.0041 U	0.00444 U	0.00444 U	0.00471 U	0.00432 U
4,4'-DDT	0.2	0.00485 U	0.00471 U	0.0041 U	0.00444 U	0.00444 U	0.00471 U	0.00432 U
Aldrin	ND	0.00485 U	0.00471 U	0.0041 U	0.00444 U	0.00444 U	0.00471 U	0.00432 U
alpha-BHC	0.01	0.00485 U	0.00471 U	0.0041 U	0.00444 U	0.00444 U	0.00471 U	0.00432 U
alpha-Chlordane	NS	0.00485 U	0.00471 U	0.0041 U	0.00444 U	0.00444 U	0.00471 U	0.00432 U
beta-BHC	0.04	0.00485 U	0.00471 U	0.0041 U	0.00444 U	0.00444 U	0.00471 U	0.00432 U
Chlordane, total	0.05	0.0242 U	0.0235 U	0.0205 U	0.0222 U	0.0222 U	0.0235 U	0.0216 U
delta-BHC	0.04	0.00485 U	0.00471 U	0.0041 U	0.00444 U	0.00444 U	0.00471 U	0.00432 U
Dieldrin	0.004	0.00242 U	0.00235 U	0.00205 U	0.00222 U	0.00222 U	0.00235 U	0.00216 U
Endosulfan I	NS	0.00485 U	0.00471 U	0.0041 U	0.00444 U	0.00444 U	0.00471 U	0.00432 U
Endosulfan II	NS	0.00485 U	0.00471 U	0.0041 U	0.00444 U	0.00444 U	0.00471 U	0.00432 U
Endosulfan sulfate	NS	0.00485 U	0.00471 U	0.0041 U	0.00444 U	0.00444 U	0.00471 U	0.00432 U
Endrin	ND	0.00485 U	0.00471 U	0.0041 U	0.00444 U	0.00444 U	0.00471 U	0.00432 U
Endrin aldehyde	5	0.0121 U	0.0118 U	0.0103 U	0.0111 U	0.0111 U	0.0118 U	0.0108 U
Endrin ketone	5	0.0121 U	0.0118 U	0.0103 U	0.0111 U	0.0111 U	0.0118 U	0.0108 U
gamma-BHC (Lindane)	0.05	0.00485 U	0.00471 U	0.0041 U	0.00444 U	0.00444 U	0.00471 U	0.00432 U
gamma-Chlordane	NS	0.0121 U	0.0118 U	0.0103 U	0.0111 U	0.0111 U	0.0118 U	0.0108 U
Heptachlor	0.04	0.00485 U	0.00471 U	0.0041 U	0.00444 U	0.00444 U	0.00471 U	0.00432 U
Heptachlor epoxide	0.03	0.00485 U	0.00471 U	0.0041 U	0.00444 U	0.00444 U	0.00471 U	0.00432 U
Methoxychlor	35	0.00485 U	0.00471 U	0.0041 U	0.00444 U	0.00444 U	0.00471 U	0.00432 U
Toxaphene	0.06	0.121 U	0.118 U	0.103 U	0.111 U	0.111 U	0.118 U	0.108 U

Table 10
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Vapor Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution	NYSDOH 2006 Soil Vapor Intrusion Air Guidance Value $\mu\text{g}/\text{m}^3$	AA-1-20170522 17E0905-01 5/22/2017 1	SV-1-20170524 17E1019-01 5/24/2017 21.45	SV-2-20170524 17E1019-02 5/24/2017 21.45	SV-3-20170522 17E0905-03 5/22/2017 22.9	SV-4-20170522 17E0905-02 5/22/2017 24.23	SV-5-20170524 17E1019-03 5/24/2017 21.45	SV-6-20170524 17E1019-04 5/24/2017 21.45
$\mu\text{g}/\text{m}^3$								
1,1,1,2-Tetrachloroethane	NS	0.69 U	15 U	15 U	16 U	17 U	15 U	15 U
1,1,1-Trichloroethane	NS	0.55 U	12 U	59 D	17 D	13 U	12 U	12 U
1,1,2,2-Tetrachloroethane	NS	0.69 U	15 U	15 U	16 U	17 U	15 U	15 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NS	0.77 U	16 U	16 U	18 U	19 U	16 U	16 U
1,1,2-Trichloroethane	NS	0.55 U	12 U	12 U	12 U	13 U	12 U	12 U
1,1-Dichloroethane	NS	0.4 U	8.7 U	25 D	9.3 U	9.8 U	8.7 U	8.7 U
1,1-Dichloroethylene	NS	0.4 U	8.5 U	8.5 U	9.1 U	9.6 U	8.5 U	8.5 U
1,2,4-Trichlorobenzene	NS	0.74 U	16 U	16 U	17 U	18 U	16 U	16 U
1,2,4-Trimethylbenzene	NS	0.69 U	11 U	11 U	11 U	12 U	11 U	11 U
1,2-Dibromoethane	NS	0.77 U	16 U	16 U	18 U	19 U	16 U	16 U
1,2-Dichlorobenzene	NS	0.6 U	13 U	13 U	14 U	15 U	13 U	13 U
1,2-Dichloroethane	NS	0.4 U	8.7 U	8.7 U	9.3 U	9.8 U	8.7 U	8.7 U
1,2-Dichloroethane, Total	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	NS	0.46 U	9.9 U	9.9 U	11 U	11 U	9.9 U	9.9 U
1,2-Dichlorotetrafluoroethane	NS	0.7 U	15 U	15 U	16 U	17 U	15 U	15 U
1,3,5-Trimethylbenzene	NS	0.49 U	11 U	11 U	11 U	12 U	11 U	11 U
1,3-Butadiene	NS	0.66 U	14 U	14 U	15 U	16 U	14 U	14 U
1,3-Dichlorobenzene	NS	0.6 U	13 U	13 U	14 U	15 U	13 U	13 U
1,3-Dichloropropane	NS	0.46 U	9.9 U	9.9 U	11 U	11 U	9.9 U	9.9 U
1,4-Dichlorobenzene	NS	0.6 U	13 U	13 U	14 U	15 U	13 U	13 U
1,4-Dioxane	NS	0.72 U	15 U	15 U	17 U	17 U	15 U	15 U
2-Butanone	NS	2	35 D	62 D	40 D	47 D	46 D	55 D
2-Hexanone	NS	0.82 U	18 U	18 U	19 U	20 U	18 U	18 U
2,2,4-Trimethylpentane	NS	NS	NS	NS	NS	NS	NS	NS
2-Chlorotoluene	NS	NS	NS	NS	NS	NS	NS	NS
3-Chloropropene	NS	1.6 U	34 U	34 U	36 U	38 U	34 U	34 U
4-Ethyltoluene	NS	NS	NS	NS	NS	NS	NS	NS
4-Methyl-2-pentanone	NS	0.41 U	8.8 U	8.8 U	9.4 U	9.9 U	8.8 U	8.8 U
4-Isopropyltoluene	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	NS	15	10 U	200 D	450 D	64 D	10 U	10 D
Acrylonitrile	NS	0.22 U	4.7 U	4.7 U	5 U	5.3 U	4.7 U	4.7 U
Benzene	NS	1.4	6.9 U	6.9 U	7.3 U	7.7 U	6.9 U	6.9 U
Benzyl chloride	NS	0.52 U	11 U	11 U	12 U	13 U	11 U	11 U
Bromodichloromethane	NS	0.67 U	14 U	14 U	15 U	16 U	14 U	14 U
Bromoethene(Vinyl Bromide)	NS	NS	NS	NS	NS	NS	NS	NS
Bromoform	NS	1 U	22 U	22 U	24 U	25 U	22 U	22 U
Bromomethane	NS	0.39 U	8.3 U	8.3 U	8.9 U	9.4 U	8.3 U	8.3 U
Carbon disulfide	NS	0.37	7.3 D	38 D	33 D	7.5 U	6.7 U	9.4 D
Carbon tetrachloride	NS	0.5	3.4 U	950 D	78 D	3.8 U	85 D	3.4 U
Chlorobenzene	NS	0.46 U	9.9 U	9.9 U	11 U	11 U	9.9 U	9.9 U
Chloroethane	NS	0.26 U	5.7 U	5.7 U	6 U	6.4 U	5.7 U	5.7 U
Chloroform	NS	0.49 U	10 U	320 D	11 U	12 U	28 D	10 U
Chloromethane	NS	0.81	4.4 U	4.4 U	4.7 U	5 U	4.4 U	4.4 U
cis-1,2-Dichloroethylene	NS	0.4 U	8.5 U	8.5 U	9.1 U	9.6 U	8.5 U	8.5 U
cis-1,3-Dichloropropylene	NS	0.45 U	9.7 U	9.7 U	10 U	11 U	9.7 U	9.7 U
Cumene	NS	NS	NS	NS	NS	NS	NS	NS
Cyclohexane	NS	0.52	7.4 U	7.4 U	7.9 U	8.3 U	7.4 U	7.4 U
Dibromochloromethane	NS	0.85 U	18 U	18 U	20 U	21 U	18 U	18 U
Dichlorodifluoromethane	NS	2.5	11 U	11 U	220 D	12 U	11 U	11 U
Ethyl acetate	NS	2.1	15 U	15 U	17 U	17 U	15 U	15 U
Ethyl Benzene	NS	1.1	9.3 U	9.3 U	11 D	11 U	9.3 U	9.3 U
Freon 22	NS	NS	NS	NS	NS	NS	NS	NS
Freon TF	NS	NS	NS	NS	NS	NS	NS	NS
Hexachlorobutadiene	NS	1.1 U	23 U	23 U	24 U	26 U	23 U	23 U
Isopropanol	NS	10	11 U	11 U	2,600 D	12 U	11 U	11 U
o-Xylene	NS	1.4	9.3 U	9.3 U	11 D	23 D	9.3 U	9.3 U
p- & m- Xylenes	NS	4	19 U	19 U	34 D	38 D	19 U	19 U
Methyl Butyl Ketone (2-Hexanone)	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Ethyl Ketone	NS	NS	NS	NS	NS	NS	NS	NS
methyl isobutyl ketone	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Methacrylate	NS	0.41 U	8.8 U	8.8 U	9.4 U	9.9 U	8.8 U	8.8 U
Methyl tert-butyl ether (MTBE)	NS	0.36 U	7.7 U	7.7 U	8.3 U	8.7 U	7.7 U	7.7 U
Methylene chloride	60	1.8	15 U	15 U	16 U	17 U	15 U	15 U
Naphthalene	NS	NS	NS	NS	NS	NS	NS	NS
n-Butane	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	NS	NS	NS	NS	NS	NS	NS	NS
n-Heptane	NS	1.2	8.8 U	8.8 U	10 D	9.9 U	8.8 U	8.8 U
n-Hexane	NS	1.2	7.6 U	7.6 U	16 D	9.4 D	7.6 U	7.6 U
n-Propylbenzene	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	NS	NS	NS	NS	NS	NS	NS	NS
p-Ethyltoluene	NS	0.64	11 U	11 U	11 U	12 U	11 U	11 U
Propylene	NS	1.1	3.7 U	12 D	9.1 D	11 D	5.9 D	4.4 D
Styrene	NS	0.55	9.1 U	9.1 U	9.8 U	10 U	9.1 U	9.1 U
tert-Butyl alcohol	NS	NS	NS	NS	NS	NS	NS	NS
tert-Butylbenzene	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	30	14	4.4 D	5.8 D	430 D	4.1 U	7.3 D	3.6 U
Tetrahydrofuran	NS	0.59 U	13 U	13 U	14 U	14 U	13 U	13 U
Toluene	NS	6.6	27 D	18 D	23 D	32 D	19 D	31 D
trans-1,2-Dichloroethylene	NS	0.4 U	8.5 U	8.5 U	9.1 U	9.6 U	8.5 U	8.5 U
trans-1,3-Dichloropropylene	NS	0.45 U	9.7 U	9.7 U	10 U	11 U	9.7 U	9.7 U
Trichloroethylene	2	0.43	2.9 U	2.9 U	3.1 U	3.3 U	2.9 U	2.9 U
Trichlorofluoromethane (Freon 11)	NS	1.3	12 U	12 U	13 U	14 U	12 U	12 U
Vinyl acetate	NS	0.35 U	7.6 U	7.6 U	8.1 U	8.5 U	7.6 U	7.6 U
Vinyl bromide	NS	0.44 U	9.4 U	9.4 U	10 U	11 U	9.4 U	9.4 U
Vinyl Chloride	NS	0.26 U	5.5 U	5.5 U	5.9 U	6.2 U	5.5 U	5.5 U
Xylene (total)	NS	5.4	ND	ND	45	61	ND	ND

Table 10
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Soil Vapor Analytical Results
Volatile Organic Compounds

Client ID	NYSDOH 2006	SV-7-20170524	SV-18-20170609	SV-19-20170609	SV-20-20170609	SV-21-20170609
Lab Sample ID	Soil Vapor	17E1019-05	200-38930-1	200-38930-2	200-38930-3	200-38930-4
Date Sampled	Intrusion	5/24/2017	06/09/2017	06/09/2017	06/09/2017	06/09/2017
Dilution	Air Guidance	21.45	17	14	20.8	23
ug/m ³	Value					
	ug/m ³					
1,1,1,2-Tetrachloroethane	NS	15 U	NA	NA	NA	NA
1,1,1-Trichloroethane	NS	12 U	96	15 U	23 U	33
1,1,2,2-Tetrachloroethane	NS	15 U	23 U	19 U	29 U	32 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NS	16 U	NA	NA	NA	NA
1,1,2-Trichloroethane	NS	12 U	19 U	15 U	23 U	25 U
1,1-Dichloroethane	NS	8.7 U	14 U	11 U	17 U	19 U
1,1-Dichloroethylene	NS	8.5 U	13 U	11 U	16 U	18 U
1,2,4-Trichlorobenzene	NS	16 U	63 U	52 U	77 U	85 U
1,2,4-Trimethylbenzene	NS	11 U	990	620	810	1500
1,2-Dibromoethane	NS	16 U	26 U	22 U	32 U	35 U
1,2-Dichlorobenzene	NS	13 U	20 U	17 U	25 U	28 U
1,2-Dichloroethane	NS	8.7 U	14 U	11 U	17 U	19 U
1,2-Dichloroethene, Total	NS	NS	27 U	22 U	33 U	36 U
1,2-Dichloropropane	NS	9.9 U	16 U	13 U	19 U	21 U
1,2-Dichlorotetrafluoroethane	NS	15 U	24 U	20 U	29 U	32 U
1,3,5-Trimethylbenzene	NS	11 U	250	160	230	380
1,3-Butadiene	NS	14 U	7.5 U	6.2 U	27	10 U
1,3-Dichlorobenzene	NS	13 U	20 U	17 U	25 U	28 U
1,3-Dichloropropane	NS	9.9 U	NA	NA	NA	NA
1,4-Dichlorobenzene	NS	13 U	20 U	17 U	25 U	28 U
1,4-Dioxane	NS	15 U	310 U	250 U	370 U	410 U
2-Butanone	NS	46 D	NA	NA	NA	NA
2-Hexanone	NS	18 U	NA	NA	NA	NA
2,2,4-Trimethylpentane	NS	NS	36	37	46	85
2-Chlorotoluene	NS	NS	18 U	14 U	22 U	24 U
3-Chloropropene	NS	34 U	27 U	22 U	33 U	36 U
4-Ethyltoluene	NS	NS	400	260	350	590
4-Methyl-2-pentanone	NS	8.8 U	NA	NA	NA	NA
4-Isopropyltoluene	NS	NS	19 U	15 U	23 U	25 U
Acetone	NS	14 D	1100	790	250 U	2100
Acrylonitrile	NS	4.7 U	NA	NA	NA	NA
Benzene	NS	6.9 U	87	93	1400	140
Benzyl chloride	NS	11 U	18 U	14 U	22 U	24 U
Bromodichloromethane	NS	14 U	23 U	19 U	28 U	31 U
Bromoethene(Vinyl Bromide)	NS	NS	15 U	12 U	18 U	20 U
Bromoform	NS	22 U	35 U	29 U	43 U	48 U
Bromomethane	NS	8.3 U	13 U	11 U	16 U	18 U
Carbon disulfide	NS	10 D	64	22 U	800	220
Carbon tetrachloride	NS	3.4 U	1100	120	5.2 U	170
Chlorobenzene	NS	9.9 U	16 U	13 U	19 U	21 U
Chloroethane	NS	5.7 U	22 U	18 U	27 U	30 U
Chloroform	NS	10 U	230	14 U	20 U	97
Chloromethane	NS	4.4 U	18 U	14 U	21 U	24 U
cis-1,2-Dichloroethylene	NS	8.5 U	13 U	11 U	16 U	18 U
cis-1,3-Dichloropropylene	NS	9.7 U	15 U	13 U	19 U	21 U
Cumene	NS	NS	55	39	120	81
Cyclohexane	NS	7.4 U	45	45	550	100
Dibromochloromethane	NS	18 U	29 U	24 U	35 U	39 U
Dichlorodifluoromethane	NS	11 U	42 U	35 U	51 U	57 U
Ethyl acetate	NS	15 U	NA	NA	NA	NA
Ethyl Benzene	NS	9.3 U	800	590	2700	1100
Freon 22	NS	NS	30 U	25 U	37 U	41 U
Freon TF	NS	NS	26 U	21 U	32 U	35 U
Hexachlorobutadiene	NS	23 U	36 U	30 U	44 U	49 U
Isopropanol	NS	11 U	210 U	170 U	260 U	280 U
o-Xylene	NS	9.3 U	980	670	1000	1400
p- & m- Xylenes	NS	19 U	3100	2200	3000	4500
Methyl Butyl Ketone (2-Hexanone)	NS	NS	35 U	29 U	43 U	47 U
Methyl Ethyl Ketone	NS	NS	25 U	21 U	33	57
methyl isobutyl ketone	NS	NS	35 U	29 U	43 U	47 U
Methyl Methacrylate	NS	8.8 U	35 U	29 U	43 U	47 U
Methyl tert-butyl ether (MTBE)	NS	7.7 U	12 U	10 U	15 U	21
Methylene chloride	60	15 U	30 U	24 U	36 U	40 U
Naphthalene	NS	NS	74	37 U	55 U	65
n-Butane	NS	NS	52	32	110	160
n-Butylbenzene	NS	NS	19 U	15 U	23 U	25 U
n-Heptane	NS	8.8 U	330	300	2400	530
n-Hexane	NS	7.6 U	200	200	1300	420
n-Propylbenzene	NS	NS	270	180	210	390
sec-Butylbenzene	NS	NS	19 U	15 U	23 U	25 U
p-Ethyltoluene	NS	11 U	NA	NA	NA	NA
Propylene	NS	5.5 D	NA	NA	NA	NA
Styrene	NS	9.1 U	14 U	12 U	19	20 U
tert-Butyl alcohol	NS	NS	260 U	210 U	320 U	350 U
tert-Butylbenzene	NS	NS	19 U	15 U	23 U	25 U
Tetrachloroethylene	30	3.6 U	23 U	19 U	28 U	31 U
Tetrahydrofuran	NS	13 U	250 U	210 U	310 U	340 U
Toluene	NS	18 D	2000	1700	2700	2900
trans-1,2-Dichloroethylene	NS	8.5 U	13 U	11 U	16 U	18 U
trans-1,3-Dichloropropylene	NS	9.7 U	15 U	13 U	19 U	21 U
Trichloroethylene	2	2.9 U	3.7 U	3 U	4.5 U	4.9 U
Trichlorofluoromethane (Freon 11)	NS	12 U	19 U	16 U	23 U	26 U
Vinyl acetate	NS	7.6 U	NA	NA	NA	NA
Vinyl bromide	NS	9.4 U	NA	NA	NA	NA
Vinyl Chloride	NS	5.5 U	1.7 U	1.4 U	2.1 U	2.4 U
Xylene (total)	NS	ND	4100	2800	4000	5700

Tables 2-10
12-02 38th Avenue
Long Island City, NY
Subsurface (Phase II) Investigation Analytical Results
Notes

GENERAL

- NS** : No standard.
- NA** : Not applicable.
- U** : The analyte was not detected at the indicated concentration.
- J** : The concentration given is an estimated value.
- TS** : Value represents a sum total standard.
- D** : Result is from an analysis that required a dilution.
- B** : Analyte found in the analysis batch blank.
- E** : Result is estimated and cannot be accurately reported due to levels encountered or interferences.

SOIL

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

mg/kg : milligrams per kilogram = parts per million (ppm)

Metals

*** : Standard reflects trivalent, not total, Chromium.

Exceedances of Part 375 Unrestricted Soil Cleanup Objectives (UUSCO) are highlighted in gray.
Exceedances of Part 375 Commercial Soil Cleanup Objectives (CSCO) are highlighted in gray.

GROUNDWATER

NYSDEC

Class GA Ambient Standard : New York State Department of Environmental Conservation Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values.

µg/L : micrograms per Liter = parts per billion (ppb)

ND : The standard is No Detect.

Exceedances of NYSDEC Class GA Ambient Standards are highlighted in bold font.

SOIL VAPOR


NYSDOH


Soil Vapor Intrusion Air Guidance Value : NYSDOH Air Guidance Values (AGVs) presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 ("NYSDOH Vapor Intrusion Guidance Document"), updated September 2013 for change of AGV for PCE and August 2015 for TCE.


µg/m³ : micrograms per cubic meter of air

Exceedances of NYSDOH Soil Vapor Intrusion Air Guidance Values are highlighted in bold font.

APPENDIX A
SOIL BORING LOGS

SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID: Sheet 1 of 1		SB-1		
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling				
		Sampling Method:	5' Macrocore	Start Time: 1420		Finish Time: 1500		
		Driller:	Cascade	Date: 5/22/17				
		Weather:	45°F, Cloudy					
Logged By:	M Levy							
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	35	Top 4": Concrete		ND	DRY	ND	ND	SB-1(1-2)-20170522
2		Next 6": Brown SAND, Silt, some asphalt, trace fine Gravel, Brick (FILL).		ND	DRY	ND	ND	
3		Bottom 25": Brown SAND, Silt, trace fine Gravel, Weathered Rock, Brick (FILL).		ND	DRY	ND	ND	
4								
5								
6	46	Top 26": Brown SAND, Silt, trace fine Gravel, Weathered Rock, Brick (FILL).		ND	DRY	ND	ND	SB-1(8-9)-20170522
7		Next 10": Brown SAND, Silt, come Clay, trace fine Gravel.		ND	DRY	50	ND	
8		Bottom 10": Very Dark Brown SAND, some Silt, trace Coal Ash.		ND	WET	107	ND	
9						200		
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides Groundwater encountered at approximately 9 feet below grade during soil boring installation. End of soil boring at 10 feet below grade. PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.								


SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID: Sheet 1 of 1		SB-2		
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling				
		Sampling Method:	3' Macrocore	Start Time: 1130		Finish Time: 1200		
		Driller:	Cascade	Date: 5/24/17				
		Weather:	60°F, Cloudy					
Logged By:	M Levy							
Depth (feet)	Recovery (Inches)	Surface Condition:		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	14	Top 4": Concrete		ND	DRY	ND	ND	SB-2(0.5-1)-20170524
2		Next 2": Brown / Very Dark Brown SAND, some Silt, trace fine Gravel (FILL).		ND	WET	10.1		
3		Bottom 8": Very Dark Brown SAND, trace Silt fine Gravel.		ND	WET			
4	15	Top 2": Very Dark Brown SAND, trace Silt, fine Gravel.		ND	WET	ND	ND	
5		Bottom 13": Gray SAND, some Silt, trace Clay, fine Gravel.		ND	WET	2.3	ND	
6								
7	16	Brown SAND, some Silt, trace Clay, fine Gravel.		ND	WET	7.6	ND	
8						3.4		
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides Groundwater encountered at approximately 1 feet below grade during soil boring installation. End of soil boring at 9 feet below grade. PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected <i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i> <i>Soil classifications and descriptions presented are based on methods of the Modified Burmister Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only.</i>								


SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID:	SB-3			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling				
		Sampling Method:	5' Macrocore	Start Time: 1150		Finish Time: 1235		
		Driller:	Cascade	Date: 5/22/17				
		Weather:	45°F, Rain					
Logged By:	M Levy							
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	15	Top 4": Concrete		ND	DRY	ND	ND	SB-3(1-2)-20170522
2		Bottom 11": Very Dark Brown SAND, little Brick, trace fine Gravel, Coal Ash (FILL).		ND	DRY	ND	ND	
3								
4								
5								
6	20	Top 2": Tan SAND, trace fine Gravel, Brick (FILL).		ND	DRY	100	ND	SB-3(8-9)-20170522
7		Bottom 18": Very Dark Brown SAND, some Silt, trace fine Gravel, Coal Ash (FILL).			DRY	120	ND	
8								
9								
10					WET	150	ND	
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								


Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides
 Groundwater encountered at approximately 9 feet below grade during soil boring installation.
 End of soil boring at 10 feet below grade.


PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID: Sheet 1 of 1		SB-4		
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling				
		Sampling Method:	5' Macrocore	Start Time: 0908		Finish Time: 0935		
		Driller:	Cascade	Date: 5/22/17				
		Weather:	45°F, Rain					
Logged By:	M Levy							
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	15	Top 4": Concrete		ND	DRY	ND	ND	SB-4(4-5)-20170522
2		Next 8": Very Dark Brown SAND, some fine Silt, trace Brick, fine Gravel.		ND	DRY	ND	ND	
3		Bottom 5": Tan / Gray SAND, trace Brick, Concrete, fine Gravel (FILL).		ND	DRY	ND	ND	
4						150		
5								
6	18	Top 5": Tan/Gray SAND, trace Brick, Concrete, fine Gravel (FILL).		Earthy / Coal	DRY	200	ND	SB-4(8-9)-20170522
7		Bottom 13": Verdly Dark Brown SAND, trace fine Gravel.			DRY	250	ND	
8				Earthy / Coal	WET	450	ND	
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides Groundwater encountered at approximately 9 feet below grade during soil boring installation. End of soil boring at 10 feet below grade. PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.								

SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID: Sheet 1 of 1		SB-5		
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling				
		Sampling Method:	5' Macrocore	Start Time: 0908		Finish Time: 0935		
		Driller:	Cascade	Date: 5/23/17				
		Weather:	45°F, Rain					
Logged By:	M Levy							
Depth (feet)	Recovery (Inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	18	Top 4": Concrete		ND	DRY	ND	ND	SB-5(1-2)-20170523
2		Bottom 14": Light Brown / Brown SAND, trace Silt, Brick, Gravel, Concrete, Wood (FILL).		ND	DRY	ND	ND	
3								
4								
5								
6	10	Brown SAND, some Silt, Brick, trace fine Gravel (FILL).		ND	DRY	ND	ND	
7								
8								
9								
10					WET			
11	40	Top 30": Very Dark Brown SAND, some Silt, fine Gravel, coal Ash (FILL).		Petroleum-like	WET	300	SHEEN	SB-5(11-12)-20170523
12		Next 5": Gray / Brown SAND, some Silt, Clay, Staining, trace fine Gravel.		Petroleum-like	WET	285	SHEEN	
13						310		
14		Bottom 5": Brown SAND, some Silt, Clay, trace fine Gravel.		Petroleum-like	WET	6	ND	
15						ND		
16								
17								
18								
19								
20								
Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides Groundwater encountered at approximately 10 feet below grade during soil boring installation. End of soil boring at 15 feet below grade. PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected <i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>								


SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID: Sheet 1 of 1		SB-6			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling					
		Sampling Method:	5' Macrocore	Start Time: 1130		Finish Time: 1200			
		Driller:	Cascade	Date: 5/23/17					
		Weather:	60°F, Cloudy						
Logged By:	M Levy								
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis	
1	20	Top 4": Concrete		ND	DRY	ND	ND	SB-6(4-5)-20170523	
2		Bottom 16": Brown SAND, fine Silt, trace fine Gravel, Brick, Wood, cinders (FILL).		ND	DRY	ND	ND		
3						13.1			
4						25.6			
5						37.7			
6	19	Top 14": Light Brown / Brown SAND, little Silt, trace fine Gravel, Concrete, Brick (FILL).		ND	DRY	50.1	ND	SB-6(8-9)-20170523	
7		Bottom 5": Very Dark Brown SAND, trace Silt, fine Grvel, Coal Ash (FILL).		ND	DRY	69.1	ND		
8						100			
9						102.3			
10				WET		107.1			
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides Groundwater encountered at approximately 9 feet below grade during soil boring installation. End of soil boring at 10 feet below grade.									
PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected									
<i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>									


SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID:	SB-7			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling				
		Sampling Method:	5' Macrocore	Start Time: 1415		Finish Time: 1500		
		Driller:	Cascade	Date: 5/23/17				
		Weather:	60°F, Cloudy					
Logged By:	M Levy							
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	38	Top 4": Concrete		ND	DRY	ND	ND	SB-7(1-2)-20170523
2		Next 16": Very Dark Brown SAND, trace Silt, Brick, Concrete(FILL).		ND	DRY	ND	ND	
3		Bottom 18": Brown SAND, some Silt, trace fine Gravel, Brick, Concrete (FILL).		ND	DRY	ND	ND	
4								
5								
6	18	Brown SAND, some Silt, trace fine Gravel, Brick, Concrete, Weathered Rock (FILL).		ND	DRY	ND	ND	SB-7(8-9)-20170523
7								
8								
9					WET			
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides
 Groundwater encountered at approximately 9 feet below grade during soil boring installation.
 End of soil boring at 10 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.


SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID: Sheet 1 of 1		SB-8			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling					
		Sampling Method:	5' Macrocore	Start Time: 1415		Finish Time: 1500			
		Driller:	Cascade	Date: 5/23/17					
		Weather:	60°F, Cloudy						
Logged By:	M Levy								
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis	
1	24	Top 4": Concrete		ND	DRY	ND	ND		
2		Bottom 20": Brown SAND, some Silt, trace fine Gravel, weathered Rock (FILL).		ND	DRY	22.2	ND		
3						17.5			
4						18.1			
5						15.4			
6	23	Top 8": Brown SAND, some Silt, trace Clay, fine Gravel, weathered Rock (FILL).		ND	DRY	22.1	ND	SB-8(7.5-8.5)-20170523	
7		Bottom 15": Very Dark Brown SAND, some Silt, trace fine Gravel, Coal Ash (FILL).		ND	DRY	25.3			
8						250			
9						265			
10						275			
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides Groundwater encountered at approximately 8.5 feet below grade during soil boring installation. End of soil boring at 10 feet below grade.									
PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected									
<i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>									


SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID:	SB-9			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling				
		Sampling Method:	5' Macrocore	Start Time: 1110		Finish Time: 1140		
		Driller:	Cascade	Date: 5/22/17				
		Weather:	45°F, Rain					
Logged By:	M Levy							
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	24	Top 4": Concrete		ND	DRY	ND	ND	
2		Next 12": Brown / Tan SAND, trace fine Gravel, Brick, Weathered Rock, Wood (FILL).		ND	DRY	ND	ND	
3		Bottom 10": Dark Brown SAND, trace Brick, fine Gravel (FILL).		ND	DRY	ND	ND	
4								
5								
6	23	Top 13": Light Brown / Tan SAND, some fine Gravel, trace Brick, Concrete (FILL).		ND	DRY	120	ND	SB-9(8-9)-20170522
7		Bottom 10": Very Dark Brown SAND, Silt, trace fine Gravel (FILL).		Earthy / Coal	DRY	200		
8					WET	350		
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides
 Groundwater encountered at approximately 9 feet below grade during soil boring installation.
 End of soil boring at 10 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.


SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID:	SB-10			
				Sheet 1 of 1				
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling				
		Sampling Method:	3' Macrocore	Start Time: 1050	Finish Time: 1120			
		Driller:	Cascade					
		Weather:	60°F, Cloudy	Date: 5/24/17				
Logged By:	M Levy							
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	16	Top 4": Concrete		ND	DRY	ND	ND	SB-10(0.5-1)-20170524
2		Bottom 12": Very Dark Brown SAND, trace Silt, fine Gravel, Brick, Concrete.		Petroleum-like	WET	10.1		
3								
4	24	Brown SAND, trace Silt, fine Gravel.		ND	WET	ND	ND	
5								
6								
7	30	Brown SAND, trace Silt, fine Gravel.		ND	WET	ND	ND	
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides Groundwater encountered at approximately 1 feet below grade during soil boring installation. End of soil boring at 9 feet below grade.								
PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected								
<i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>								
<i>Soil classifications and descriptions presented are based on methods of the Modified Burmister Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only.</i>								

SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID:	SB-11			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling				
		Sampling Method:	5' Macrocore	Start Time: 1030		Finish Time: 1100		
		Driller:	Cascade	Date: 5/22/17				
		Weather:	45°F, Rain					
Logged By:	M Levy							
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	20	Top 4": Concrete		ND	DRY	ND	ND	
2		Next 8": Very Dark Brown SAND, trace Brick, Concrete, Gravel, Wood (FILL).		ND	DRY	ND	ND	
3		Bottom 10": Tan SAND, little Brick, trace Concrete, Wood, fine Gravel (FILL).		ND	DRY	100	ND	
4								
5								
6	24	Top 11": Tan SAND, little Brick, trace Concrete, Wood, fine Gravel (FILL).		ND	DRY	200	ND	SB-11(8-9)-20170522
7		Bottom 13": Brown / Dark Brown SAND, some Silt, trace Wood, Coal, Brick, fine Gravel (FILL).		Earthy / Coal	DRY	270	ND	
8					WET	ND		
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides
 Groundwater encountered at approximately 9 feet below grade during soil boring installation.
 End of soil boring at 10 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected


Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.


SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID:	SB-12			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling				
		Sampling Method:	5' Macrocore	Start Time: 1340		Finish Time: 1400		
		Driller:	Cascade	Date: 5/23/17				
		Weather:	60°F, Cloudy					
Logged By:	M Levy							
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	12	Top 4": Concrete		ND	DRY	ND	ND	
2		Bottom 8": Brown SAND, some Silt, trace Concrete, fine Gravel, Brick (FILL).		ND	DRY	ND	ND	
3								
4								
5								
6	14	Top 4 ": Brown SAND, some Silt, trace weathered Rock, Cinders, fine Gravel (FILL).		ND	DRY	ND	ND	SB-12(8-9)-20170523
7		Bottom 10": Very Dark Brown SAND, trace silt, fine Gravel, Coal Ash.		ND	DRY	ND	ND	
8								
9								
10					WET			
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								


Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides
 Groundwater encountered at approximately 9 feet below grade during soil boring installation.
 End of soil boring at 10 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID: Sheet 1 of 1		SB-13			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling					
		Sampling Method:	5' Macrocore	Start Time: 1300		Finish Time: 1330			
		Driller:	Cascade	Date: 5/23/17					
		Weather:	60°F, Cloudy						
Logged By:	M Levy								
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis	
1	26	Top 4": Concrete		ND	DRY	ND	ND		
2		Bottom 22": Brown SAND, some Silt, trace Concrete, fine Gravel, Brick (FILL).		ND	DRY	ND	ND		
3									
4									
5									
6	25	Top 10": Brown SAND, some Silt, trace Concrete, fine to medium Gravel, Cinders (FILL).		ND	DRY	ND	ND	SB-13(8-9)-20170523	
7		Bottom 15": Very Dark Brown SAND, trace Silt, fine Gravel, Coal Ash (FILL).		ND	DRY	ND	ND		
8									
9									
10				WET					
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides Groundwater encountered at approximately 9 feet below grade during soil boring installation. End of soil boring at 10 feet below grade.									
PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected									
<i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>									


SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID: Sheet 1 of 1		SB-14			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling					
		Sampling Method:	5' Macrocore	Start Time: 0830		Finish Time: 0900			
		Driller:	Cascade	Date: 5/23/17					
		Weather:	60°F, Cloudy						
Logged By:	M Levy								
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis	
1	34	Top 4": Concrete		ND	DRY	ND	ND		
2		Bottom 30": Brown SAND, some Very Dark Brown SAND, little Brown Silt, trace Brick, Concrete, fine Gravel (FILL).		ND	DRY	ND	ND		
3									
4									
5									
6	21	Top 8": Brown SAND, Silt, trace Brick, Fine Gravel (FILL).		ND	DRY	ND	ND	SB-14(7-8)-20170523	
7		Next 8": Brown SAND, some Silt, trace Clay, fine Graevel, Brick (FILL).		ND	DRY	ND	ND		
8		Bottom 5": Very Dark Brown SAND, Silt, fine Gravel, Coal Ash (FILL).		ND	WET	18.3	ND		
9						20			
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides Groundwater encountered at approximately 8 feet below grade during soil boring installation. End of soil boring at 10 feet below grade. PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.									

SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID:	SB-15			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling				
		Sampling Method:	5' Macrocore	Start Time: 1005		Finish Time: 1025		
		Driller:	Cascade	Date: 5/23/17				
		Weather:	60°F, Cloudy					
		Logged By:	M Levy					
Depth (feet)	Recovery (inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis	
1	12	Top 6": Concrete	ND	DRY	ND	ND		
2		Bottom 6": Brown SAND, some Silt, trace Wood, fie Gravel, plant Roots (FILL).	ND	DRY	ND	ND		
3								
4								
5								
6	30	Top 18": Brown SAND, some Silt, trace Brick, Concrete, weathered Rock (FILL).	ND	DRY	ND	ND	SB-15(8-9)-20170523	
7		Bottom 12": Very Dark Brown SAND, trace Silt, fine Gravel, Coal Ash (FILL).	ND	DRY	50	ND		
8					72			
9					75			
10					80			WET
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides
 Groundwater encountered at approximately 9 feet below grade during soil boring installation.
 End of soil boring at 10 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected


Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.


SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID:	SB-16			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling				
		Sampling Method:	5' Macrocore	Start Time: 0930		Finish Time: 0945		
		Driller:	Cascade	Date: 5/24/17				
		Weather:	60°F, Cloudy					
Logged By:	M Levy							
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	35	Top 4": Concrete		ND	DRY	ND	ND	
2		Bottom 31": Very Dark Brown SAND, some Silt, trace fine Gravel, Concrete, weathered Rock, Brick, Wood, Cinders (FILL).		ND	DRY	ND	ND	
3								
4								
5								
6	28	Top 21": Brown SAND, some Silt, trace fine Gravel, Concrete, Brick (FILL).		ND	DRY	ND	ND	SB-16(8-9)-20170524
7		Bottom 7": Very Dark Brown SAND, some Silt, trace fine Gravel, Coal Ash (FILL).		Earthy / Coal	DRY	ND	ND	
8					0.6			
9					1			
10					1.4			
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								


Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides
 Groundwater encountered at approximately 9 feet below grade during soil boring installation.
 End of soil boring at 10 feet below grade.


PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected


Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID: Sheet 1 of 1		SB-17		
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling				
		Sampling Method:	5' Macrocore	Start Time: 1015		Finish Time: 1045		
		Driller:	Cascade	Date: 5/24/17				
		Weather:	60°F, Cloudy					
Logged By:	M Levy							
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	35	Top 4": Concrete		ND	DRY	2.2	ND	
2		Next 2": Very Dark Brown SAND, some Silt, trace fine Gravel.		ND	DRY	4.3	ND	
3		Next 6": Gray Weathered Rock.		ND	DRY	ND	ND	
4		Bottom 9": Brown SAND, some Silt, trace fine Gravel, weathered Rock.		ND	DRY	1.2	ND	
5						1.2		
6	28	Top 20": Brown / Gray SAND, Silt, trace fine Gravel.		ND	DRY	3.4	ND	SB-17(6.5-7.5)-20170524
7		Bottom 15": Very Dark Brown SAND, trace Silt, fine Gravel, Coal Ash (FILL).			WET	2.5		
8						1.3		
9						9.7		
10						2.5		
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides Groundwater encountered at approximately 7.5 feet below grade during soil boring installation. End of soil boring at 10 feet below grade.								
PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected								
<i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>								

SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID: Sheet 1 of 1		SB-18		
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling				
		Sampling Method:	5' Macrocore	Start Time: 0910		Finish Time: 0935		
		Driller:	Cascade	Date: 6/09/17				
		Weather:	70°F, Partly Cloudy					
Logged By:	M Levy							
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	22	Top 3": Concrete		ND	DRY	ND	ND	
2		Next 3": Very Dark Brown SAND, some Silt, trace fine Gravel.		ND	DRY	ND	ND	
3		Next 6": Gray Weathered Rock.		ND	DRY	ND	ND	
4		Bottom 16": Tan/Brown SAND, trace fine gravel Silt, weathered Rock.		ND	DRY	ND	ND	
5								
6	23	Very Dark Brown SAND, some Silt, trace fine Gravel, Glass, Brick, Coal Ash (FILL).		ND	DRY	ND	ND	SB-18(8-9)-20170609
7								
8								
9					WET			
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides Groundwater encountered at approximately 9 feet below grade during soil boring installation. End of soil boring at 10 feet below grade. PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.								

SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID: Sheet 1 of 1		SB-19			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method: Geoprobe		Drilling					
		Sampling Method: 5' Macrocore		Start Time: 1145		Finish Time: 1215			
		Driller: Cascade		Date: 6/09/17					
		Weather: 80°F, Partly Cloudy							
Logged By: M Levy									
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis	
1	25	Top 3": Concrete		ND	DRY	ND	ND		
2		Next 3": Gray/Brown SAND, trace Silt, fine Gravel.		ND	DRY	ND	ND		
3		Bottom 19": Tan/Brown SAND, trace Silt, fine Gravel, brick Concrete (FILL) .		ND	DRY	ND	ND		
4									
5									
6	19	Top 8": Gray/Tan SAND, trace Silt, fine Gravel, brick		ND	DRY	ND	ND	SB-19(8-9)-20170609	
7		Bottom 11": Very Dark Brown SAND, some Silt, trace fine Gravel.		ND	DRY	ND	ND		
8									
9					WET				
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides Groundwater encountered at approximately 9 feet below grade during soil boring installation. End of soil boring at 10 feet below grade.									
PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected									
<i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>									


SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID: Sheet 1 of 1		SB-20			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling					
		Sampling Method:	5' Macrocore	Start Time: 0800		Finish Time: 0835			
		Driller:	Cascade	Date: 6/09/17					
		Weather:	65°F, Partly Cloudy						
Logged By:	M Levy								
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis	
1	40	Top 2": Concrete		ND	DRY	ND	ND		
2		Next 4": Gray SAND, fine trace Gravel, Glass, Brick (FILL).		ND	DRY	ND	ND		
3		Next 24": Very Dark Brown SAND, some Silt, fine Gravel, Brick, weathered Rock .		ND	DRY	ND	ND		
4		Bottom 10": Tan/Brown SAND, trace Silt, trace fine Gravel, Silt weathered rock.		ND	DRY	ND	ND		
5									
6	21	Top 11": Tan/Brown SAND, trace fine Gravel, Silt, weathered rock.		ND	DRY	ND	ND	SB-20(8-9)-20170609	
7		Next 9": Brown SAND, some Silt, trace Very Dark Brown SAND/Silt, brick, fine Gravel (FILL).		ND	DRY	ND	ND		
8		Bottom 1": COAL ASH			WET				
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides Groundwater encountered at approximately 9 feet below grade during soil boring installation. End of soil boring at 10 feet below grade.									
PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected									
<i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>									


SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID:	SB-21			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling				
		Sampling Method:	5' Macrocore	Start Time: 1230		Finish Time: 1300		
		Driller:	Cascade	Date: 6/09/17				
		Weather:	70°F					
Logged By:	M Levy							
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	18	Top 6": Concrete		ND	DRY	ND	ND	
2		Bottom 12": Tan/Brown SAND, trace fine Gravel, Silt, weathered rock.		ND	DRY	ND	ND	
3								
4								
5								
6	24	Very Dark Brown SAND, some Silt, trace fine Gravel, Glass, Brick, Coal Ash (FILL).		ND	DRY	ND	ND	SB-21(8-9)-20170609
7								
8								
9				WET				
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								


Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides
 Groundwater encountered at approximately 9 feet below grade during soil boring installation.
 End of soil boring at 10 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID: Sheet 1 of 1		SB-22			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling					
		Sampling Method:	5' Macrocore	Start Time: 0810		Finish Time: 0817			
		Driller:	Cascade	Date: 6/09/17					
		Weather:	65°F, Partly Cloudy						
Logged By:	M Levy								
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis	
1	27	Top 5": Concrete		ND	DRY	ND	ND		
2		Bottom 22": Brown SAND, fine Gravel, trace micaecious Schist (FILL).		Solvent-like	DRY	ND	ND		
3									
4									
5									
6	19	Top 9": Brown SAND, little Brick, trace Silt and Gravel (FILL).		Solvent-like	DRY	0.7	ND	SB-22(8-9)-20170609	
7		Bottom 10": Dark Brown SAND, some Wood Chips, little coal ash.							
8				Solvent-like	WET	548	ND		
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides Groundwater encountered at approximately 9 feet below grade during soil boring installation. End of soil boring at 10 feet below grade. PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.									

SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID: Sheet 1 of 1		SB-23		
 440 Park Avenue South, 7th Floor New York, NY 10016		Drilling Method:	Geoprobe	Drilling				
		Sampling Method:	5' Macrocore	Start Time: 1020		Finish Time: 1035		
		Driller:	Cascade	Date: 6/09/17				
		Weather:	70°F, Partly Cloudy					
Logged By:	M Levy							
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	25	Top 3": Concrete		ND	DRY	ND	ND	
2		Next 18": Brown SAND, some Silt, trace Concrete, Brick, fine Gra		ND	DRY	ND	ND	
3		Bottom 4": Gray/Tan SAND, some concrete, trace fine gravel		ND	DRY	ND	ND	
4								
5								
6	23	Top 18": Brown SAND, some Silt, trace brick, glass, fine Gravel (FILL).		ND	DRY	ND	ND	SB-23(9-10)-20170609
7		Bottom 5": Very Dark Brown SAND, trace Silt, fine gravel, Coal Ash (FILL).		Solvent-like	WET	17.5	ND	
8						25.1		
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides Groundwater encountered at approximately 9 feet below grade during soil boring installation. End of soil boring at 10 feet below grade. PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.								

SOIL BORING LOG		12-02 38th Avenue Long Island City, New York 11101 AKRF Project Number: 170178		Soil Boring ID: Sheet 1 of 1		SB-24			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method: Geoprobe		Drilling					
		Sampling Method: 5' Macrocore		Start Time: 1040		Finish Time: 1055			
		Driller: Cascade		Date: 6/09/17					
		Weather: 65°F, Partly Cloudy							
Logged By: M Levy									
Depth (feet)	Recovery (inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis	
1	12	Top 2": Concrete		ND	DRY	ND	ND		
2		Bottom 10": Dark Brown SAND, some Silt, trace metal scrap , fine gravel, brick, concrete.		ND	DRY	ND	ND		
3									
4									
5									
6	12	Brown/Dark Brown SAND, trace Silt, brick, metal scrap, Coal Ash.		ND	DRY	ND	ND	SB-24(8-9)-20170609	
7									
8									
9		WET							
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Notes: Soil sample analyzed for VOCs, SVOCs, Metals, PCBs, Pesticides Groundwater encountered at approximately 9 feet below grade during soil boring installation. End of soil boring at 10 feet below grade. PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.									

APPENDIX B
GROUNDWATER SAMPLING LOGS



Well Sampling Log

Job No: 170178	Client: TFC	Well No: MW-1
Project Location: 38-21 12th Street	Sampled By: ML	
Date: 5/23/2017	Sampling Time: 1030	
LEL at surface: ND		
PID at surface: ND		
Total Depth: 15.00 ft. below top of casing	Water Column (WC): 6.54 feet	*= 0.163 * WC for 2" wells
Depth to Water: 8.46 ft. below top of casing	Well Volume*: 0.27 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	Volume Purged: 0.80 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 10.00 ft. below top of casing	Well Diam.: 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 15.00 ft. below top of casing	Purging Device (pump type): peristaltic pump	
Approx. Pump Intake: 14.00 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
920	8.46	100	14.68	0.789	5.74	7.16	-103.9	32.7	
925	8.46	100	14.38	0.795	5.50	7.06	-108.7	28.1	
930	8.46	100	14.19	0.815	4.91	8.02	-102.6	32.3	
935	8.46	100	14.18	0.816	4.91	8.00	-102.1	32.1	
940	8.46	100	14.11	0.811	4.81	7.36	-102.3	32.3	
945	8.46	100	14.17	0.818	4.80	7.31	-103.4	30.1	
950	8.46	100	14.17	0.815	4.75	7.32	-103.1	28.7	
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, Metals, PCBs, Pesticides.



Well Sampling Log

Job No: 170178	Client: TFC	Well No: MW-2
Project Location: 38-21 12th Street	Sampled By: ML	
Date: 5/24/2017	Sampling Time: 1500	
LEL at surface: ND		
PID at surface: ND		
Total Depth: 9.00 ft. below top of casing	Water Column (WC): 7.9 feet	*= 0.163 * WC for 2" wells
Depth to Water: 1.10 ft. below top of casing	Well Volume*: 0.32 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	Volume Purged: 1.70 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 4.00 ft. below top of casing	Well Diam.: 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 9.00 ft. below top of casing	Purging Device (pump type): peristaltic pump	
Approx. Pump Intake: 8.00 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)	
1347	1.10	100	13.41	0.690	1.58	7.49	-32.6	1172.6		
1352	1.10	100	13.23	0.656	0.09	6.67	-42.2	869.2		
1357	1.10	100	13.08	0.642	0.05	6.51	-30.7	1300.7		
1402	Empty Flow Through Cell and Start Over Due to High Sediment Levels									
1407	1.10	100	13.01	0.614	0.19	6.36	7.9	444.5		
1412	1.10	100	12.99	0.610	0.06	6.28	8.9	214.6		
1417	1.10	100	12.96	0.607	0.05	6.24	13.4	162.7		
1422	1.10	100	12.98	0.607	0.05	6.24	15.2	89.6		
1427	1.10	100	13.01	0.605	0.06	6.24	16.2	77.7		
1432	1.10	100	13.01	0.603	0.05	6.23	14.8	60.1		
1437	1.10	100	13.00	0.602	0.05	6.22	15.4	54.7		
1442	1.10	100	12.99	0.601	0.05	6.22	15.6	38.7		
1447	1.10	100	12.98	0.599	0.05	6.21	16.3	29.0		
1452	1.10	100	12.98	0.599	0.05	6.21	15.8	50.0		
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU		If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, Metals, PCBs, Pesticides.



Well Sampling Log

Job No: 170178		Client: TFC		Well No: MW-3
Project Location: 12-02 38th Ave		Sampled By: ML		
Date: 5/22/2017		Sampling Time: 1330		
LEL at surface: ND				
PID at surface: ND				
Total Depth: 15.00 ft. below top of casing		Water Column (WC): 5.82 feet		*= 0.163 * WC for 2" wells
Depth to Water: 9.18 ft. below top of casing		Well Volume*: gallons		*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing		Volume Purged: gallons		*= 1.469 * WC for 6" wells
Depth to top of screen: 10.00 ft. below top of casing		Well Diam.: 1 inches		Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 15.00 ft. below top of casing		Purging Device (pump type): peristaltic pump		
Approx. Pump Intake: 14.00 ft. below top of casing				

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
1255	9.18	100	13.98	1.644	3.55	7.08	-19.2	209.7	
1300	9.18	100	13.97	1.496	2.19	6.32	38.8	17.8	
1305	9.18	100	13.91	1.447	2.97	6.31	27.1	14.8	
1310	9.18	100	13.88	1.423	3.60	6.30	18.7	13.8	
1315	9.18	100	13.84	1.405	3.75	6.30	15.5	13.6	
1320	9.18	100	13.84	1.398	3.95	6.29	12.4	13.4	
1325	9.18	100	13.84	1.367	4.00	6.28	9.3	13.2	
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, Metals, PCBs, Pesticides.



Well Sampling Log

Job No: 170178	Client: TFC	Well No: MW-4
Project Location: 12-02 38th Ave	Sampled By: ML	
Date: 5/22/2017	Sampling Time: 1025	
LEL at surface: ND		
PID at surface: ND		
Total Depth: 15.00 ft. below top of casing	Water Column (WC): 5.47 feet	*= 0.163 * WC for 2" wells
Depth to Water: 9.53 ft. below top of casing	Well Volume*: gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	Volume Purged: gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 10.00 ft. below top of casing	Well Diam.: 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 15.00 ft. below top of casing	Purging Device (pump type): peristaltic pump	
Approx. Pump Intake: 14.00 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
950	9.53	100	19.75	1.100	8.74	6.49	61.0	75.8	
955	9.53	100	15.40	1.105	3.21	6.40	57.2	61.3	
1000	9.53	100	13.94	1.107	1.39	6.30	52.2	25.5	
1005	9.53	100	13.79	1.090	1.60	6.44	52.3	18.6	
1010	9.53	100	13.74	1.079	1.89	6.46	51.8	17.6	
1015	9.53	100	13.69	1.051	1.96	6.44	53.4	10.7	
1020	9.53	100							
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, Metals, PCBs, Pesticides.



Well Sampling Log

Job No: 170178	Client: TFC	Well No: MW-5
Project Location: DOT Relocation	Sampled By: ML	
Date: 5/22/2017	Sampling Time: 1030	
LEL at surface: ND		
PID at surface: ND		
Total Depth: 15.00 ft. below top of casing	Water Column (WC): 5.40 feet	*= 0.163 * WC for 2" wells
Depth to Water: 9.60 ft. below top of casing	Well Volume*: gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	Volume Purged: gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 10.00 ft. below top of casing	Well Diam.: 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 15.00 ft. below top of casing	Purging Device (pump type): peristaltic pump	
Approx. Pump Intake: 14.00 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
1410	9.60	100	13.40	0.707	0.63	7.82	7.0	69.6	
1415	9.60	100	13.33	0.704	0.49	7.54	6.7	58.1	
1420	9.60	100	13.53	0.702	0.38	7.28	6.4	41.8	
1425	9.60	100	13.61	0.700	0.32	6.91	10.5	20.1	
1430	9.60	100	13.70	0.696	0.20	6.70	12.9	17.8	
1435	9.60	100	13.55	0.690	0.15	6.60	13.2	13.1	
1440	9.60	100	13.53	0.689	0.15	6.60	19.2	11.6	
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, Metals, PCBs, Pesticides.



Well Sampling Log

Job No: 170178	Client: TFC	Well No: MW-6
Project Location: 38-21 12th Street	Sampled By: ML	
Date: 5/24/2017	Sampling Time: 1030	
LEL at surface: ND		
PID at surface: ND		
Total Depth: 15.00 ft. below top of casing	Water Column (WC): 5.81 feet	*= 0.163 * WC for 2" wells
Depth to Water: 9.19 ft. below top of casing	Well Volume*: gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	Volume Purged: gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 10.00 ft. below top of casing	Well Diam.: 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 15.00 ft. below top of casing	Purging Device (pump type): peristaltic pump	
Approx. Pump Intake: 14.00 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
935	9.19	100	14.55	1.325	1.84	7.14	-4.0	140.1	
940	9.19	100	14.63	1.337	0.30	6.91	2.8	45.5	
945	9.19	100	14.84	1.341	0.25	6.90	-1.3	27.4	
950	9.19	100	14.99	1.342	0.26	6.91	-3.4	20.0	
955	9.19	100	15.11	1.344	0.30	6.91	-5.4	14.6	
1000	9.19	100	14.59	1.352	0.64	6.87	-1.9	44.5	
1005	9.19	100	14.83	1.352	0.38	6.84	-4.9	18	
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, Metals, PCBs, Pesticides.



Well Sampling Log

Job No: 170178	Client: TFC	Well No: MW-7
Project Location: 38-21 12th Street	Sampled By: ML	
Date: 5/24/2017	Sampling Time: 1030	
LEL at surface: ND		
PID at surface: ND		
Total Depth: 15.00 ft. below top of casing	Water Column (WC): feet	*= 0.163 * WC for 2" wells
Depth to Water: 9.92 ft. below top of casing	Well Volume*: gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	Volume Purged: gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 10.00 ft. below top of casing	Well Diam.: 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 15.00 ft. below top of casing	Purging Device (pump type): peristaltic pump	
Approx. Pump Intake: 14.00 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
800	9.92	100	14.22	1.444	1.72	7.18	-51.3	109.0	
805	9.92	100	13.87	1.408	0.12	6.57	-57.0	35.1	
810	9.92	100	13.81	1.350	0.10	6.49	-61.0	15.0	
815	9.92	100	13.81	1.348	0.06	6.49	-60.7	7.6	
820	9.92	100	13.90	1.329	0.06	6.48	-60.4	3.3	
825	9.92	100	13.90	1.320	0.07	6.48	-61.3	1.3	
830	9.92	100	13.89	1.313	0.07	6.48	-62.6	0.6	
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, Metals, PCBs, Pesticides.



Well Sampling Log

Job No: 170178	Client: TFC	Well No: MW-18
Project Location: 12-02 38th Ave	Sampled By: WG	
Date: 6/9/2017	Sampling Time: 1150	
LEL at surface: ND		
PID at surface: ND		
Total Depth: 15.13 ft. below top of casing	Water Column (WC): 6.54 feet	*= 0.163 * WC for 2" wells
Depth to Water: 8.59 ft. below top of casing	Well Volume*: 0.267 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	Volume Purged: 1.75 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 10.00 ft. below top of casing	Well Diam.: 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 15.00 ft. below top of casing	Purging Device (pump type): peristaltic pump	
Approx. Pump Intake: 11.86 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
1110	8.59	100	19.49	0.765	9.42	6.17	10	494	No odor, no sheen, Changed horiba battery at 11:35
1115	8.59	100	18.05	0.770	9.28	6.19	14	101	
1120	8.59	100	17.20	0.779	9.24	6.16	27	45.5	
1125	8.59	100	17.22	0.777	9.10	6.16	30	33.6	
1130	8.59	100	17.55	0.777	8.81	6.16	31	22.1	
1145	8.55	100	17.47	0.774	8.72	6.14	35	14.4	
1150	8.55	100	17.53	0.770	8.47	6.10	37	11	
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, Metals, PCBs, Pesticides.



Well Sampling Log

Job No: 170178						Client: TFC			Well No: MW-19
Project Location: 12-02 38th Ave						Sampled By: WG			
Date: 6/9/2017						Sampling Time: 13:15			
LEL at surface: ND									
PID at surface: ND									
Total Depth: 15.17 ft. below top of casing						Water Column (WC): 5.95 feet			*= 0.163 * WC for 2" wells
Depth to Water: 9.22 ft. below top of casing						Well Volume*: gallons			*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing						Volume Purged: 1.75 gallons			*= 1.469 * WC for 6" wells
Depth to top of screen: 10.00 ft. below top of casing						Well Diam.: 1 inches			Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 15.00 ft. below top of casing						Purging Device (pump type): peristaltic pump			
Approx. Pump Intake: 12.20 ft. below top of casing									
Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
12:41	9.22	100	18.18	1.45	10.35	6.29	7	73.3	No odor, no sheen.
12:46	9.22	100	18.29	1.38	8.30	6.29	13	38.4	
12:51	9.22	100	17.48	1.33	8.37	6.26	15	25.4	
12:56	9.22	100	17.48	1.30	8.22	6.24	16	8.22	
13:01	9.22	100	17.67	1.27	8.02	6.23	17	8.02	
13:06	9.22	100	17.44	1.26	8.00	6.22	18	14.0	
13:11	9.22	100	17.48	1.24	7.84	6.21	19	11.4	
13:15	9.22	100	16.82	1.23	7.88	6.19	20.0	8.8	
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	

Groundwater samples analyzed for: VOCs, SVOCs, Metals, PCBs, Pesticides.



Well Sampling Log

Job No: 170178	Client: TFC	Well No: MW-20
Project Location: 12-02 38th Ave	Sampled By: WG	
Date: 6/9/2017	Sampling Time: 10:20	
LEL at surface: ND		
PID at surface: ND		
Total Depth: 15.16 ft. below top of casing	Water Column (WC): 5.57 feet	*= 0.163 * WC for 2" wells
Depth to Water: 9.59 ft. below top of casing	Well Volume*: 0.227 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	Volume Purged: 1.50 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 10.00 ft. below top of casing	Well Diam.: 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 15.00 ft. below top of casing	Purging Device (pump type): peristaltic pump	
Approx. Pump Intake: 12.38 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
9:40	9.59	100	19.88	1.03	10.27	5.76	51	213	No odor, no sheen.
9:45	9.59	100	15.94	1.46	11.82	5.98	38	74.4	
9:50	9.59	100	15.70	1.45	11.29	5.86	33	31.7	
9:55	9.59	100	15.64	1.44	11.12	5.82	33	25.6	
10:00	9.59	100	15.58	1.44	10.95	5.82	35	18.3	
10:05	9.59	100	15.55	1.43	10.81	5.82	37	14.6	
10:10	9.59	100	15.57	1.43	10.65	5.82	38	18.4	
10:15	9.59	100	15.61	1.43	10.49	5.82	39	16.4	
10:20	9.59	100	15.59	1.43	10.38	5.81	40	11.6	
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, Metals, PCBs, Pesticides.



Well Sampling Log

Job No: 170178	Client: TFC	Well No: MW-21
Project Location: 12-02 38th Ave	Sampled By: WG	
Date: 6/9/2017	Sampling Time: 14:40	
LEL at surface: ND		
PID at surface: ND		

Total Depth: 13 ft. below top of casing	Water Column (WC): 3.7 feet	*= 0.163 * WC for 2" wells
Depth to Water: 9.3 ft. below top of casing	Well Volume*: gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	Volume Purged: 2 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 8 ft. below top of casing	Well Diam.: 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 13 ft. below top of casing	Purging Device (pump type): peristaltic pump	
Approx. Pump Intake: 11 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
14:05	9.3	100	19.11	0.723	8.72	6.15	32	38.8	No odor, no sheen.
14:10	9.3	100	20.68	0.731	7.24	6.21	12	37.5	
14:15	9.3	100	20.65	0.737	7.12	6.21	16	29.2	
14:20	9.3	100	20.72	0.736	6.92	6.21	17	19.2	
14:25	9.3	100	20.86	0.733	6.79	6.21	18	16.4	
14:30	9.3	100	21.09	0.722	6.61	6.21	18	15.9	
14:35	9.3	100	21.33	0.723	6.49	6.21	18	13.3	
14:40	9.3	100							
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, Metals, PCBs, Pesticides.

APPENDIX C
SOIL VAPOR/INDOOR AIR QUALITY SAMPLING LOGS



Ambient Air Sample Log

AKRF Project No:	170178	Client:	TFC
Project Location:	12-02 38th Ave	Sampled By:	ML
Date:	5/22/2017	Weather:	45°F Rain

Sample Setup

Sample Identification

On-Site Location:	Med Gyro/Amadeus b	SUMMA® Canister ID:	18317
Flow Controller ID:	F4	Ambient Air Sample ID:	AA-1-20170522

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Potential VOC Sources/Notes
Time Started:	1121	-28	0.0	Street traffic
Time:				
Time Halfway:	1151	-14	0.0	Street vehicle traffic
Time:				
Time Stopped:	1219	-6	0.0	Street vehicle traffic

Notes:

ND = non-detect ppm = parts per million L/min = Liters per minute
 Ambient air sample collected in a -L SUMMA® canister using a -hour flow controller.



Soil Vapor Sample Log

AKRF Project No:	170178	Point Installed By:	Cascade
Project Location:	38-21 12th St	Installation Method:	Geoprobe
Client:	TFC	Sampled By:	ML
Date:	5/24/2017	Weather:	50°F Rain/Cloudy

Sample Setup

Vapor Point Depth:	60	Inches	Total Time of Purge:	1.5 minutes
Tubing Volume:	2.95	In ³	Purge Volume:	0.15 L
Purging Pump:	SKC PCXR8		Purged Vapor PID:	0.1 ppm
Pump Flow Rate*:	0.1	L/min	Helium Concentration:	ND %

Sample Identification

Soil Vapor Point ID:	SV-1	SUMMA® Canister ID:	23197
Flow Controller ID:	F1	Soil Vapor Sample ID:	SV-1-20170524

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	0705	-30	0.0	
Time Halfway:				
Time Stopped:	0800	-8	0.0	

*Purge flow rate not to exceed 0.2 L/min.
 ND = non-detect ppm = parts per million L/min = Liters per minute
 Soil vapor sample collected in a -L SUMMA® canister using a -hour flow controller.



Soil Vapor Sample Log

AKRF Project No:	170178	Point Installed By:	Cascade
Project Location:	12-02 38th Ave	Installation Method:	Geoprobe
Client:	TFC	Sampled By:	ML
Date:	5/22/2017	Weather:	45°F Rain

Sample Setup

Vapor Point Depth:	60	Inches	Total Time of Purge:	2 minutes
Tubing Volume:	2.95	In ³	Purge Volume:	0.2 L
Purging Pump:	SKC PCXR8		Purged Vapor PID:	28.3 ppm
Pump Flow Rate*:	0.1	L/min	Helium Concentration:	ND %

Sample Identification

Soil Vapor Point ID:	SV-3	SUMMA® Canister ID:	23196
Flow Controller ID:	5705	Soil Vapor Sample ID:	SV-3-20170522

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	1255	-30	0.0	
Time Halfway:	1325	-17	0.0	
Time Stopped:	1400	-8	0.0	

*Purge flow rate not to exceed 0.2 L/min.
 ND = non-detect ppm = parts per million L/min = Liters per minute
 Soil vapor sample collected in a -L SUMMA® canister using a -hour flow controller.



Soil Vapor Sample Log

AKRF Project No:	170178	Point Installed By:	Cascade
Project Location:	38-21 12th St	Installation Method:	Geoprobe
Client:	TFC	Sampled By:	ML
Date:	5/24/2017	Weather:	50°F Rain/Cloudy

Sample Setup

Vapor Point Depth:	60	Inches	Total Time of Purge:	5 minutes
Tubing Volume:	2.95	In ³	Purge Volume:	1 L
Purging Pump:	SKC PCXR8		Purged Vapor PID:	0.8 ppm
Pump Flow Rate*:	0.2	L/min	Helium Concentration:	ND %

Sample Identification

Soil Vapor Point ID:	SV-6	SUMMA® Canister ID:	18315
Flow Controller ID:	5413	Soil Vapor Sample ID:	SV-6-20170524

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	0720	-28	0.0	
Time Halfway:				
Time Stopped:	0826	-4	0.0	

*Purge flow rate not to exceed 0.2 L/min.
 ND = non-detect ppm = parts per million L/min = Liters per minute
 Soil vapor sample collected in a -L SUMMA® canister using a -hour flow controller.



Soil Vapor Sample Log

AKRF Project No:	170178	Point Installed By:	Cascade
Project Location:	38-21 12th St	Installation Method:	Geoprobe
Client:	TFC	Sampled By:	ML
Date:	5/24/2017	Weather:	50°F Rain/Cloudy

Sample Setup

Vapor Point Depth:	60	Inches	Total Time of Purge:	1 minute
Tubing Volume:	2.95	In ³	Purge Volume:	0.1 L
Purging Pump:	SKC PCXR8		Purged Vapor PID:	1.0 ppm
Pump Flow Rate*:	0.1	L/min	Helium Concentration:	ND %

Sample Identification

Soil Vapor Point ID:	SV-7	SUMMA® Canister ID:	18310
Flow Controller ID:	5416	Soil Vapor Sample ID:	SV-7-20170524

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	0917	-28	0.0	
Time Halfway:				
Time Stopped:	1012	-9		

*Purge flow rate not to exceed 0.2 L/min.
 ND = non-detect ppm = parts per million L/min = Liters per minute
 Soil vapor sample collected in a -L SUMMA® canister using a -hour flow controller.



Soil Vapor Sample Log

AKRF Project No:	170178	Point Installed By:	Cascade
Project Location:	12-02 38th Ave	Installation Method:	Geoprobe
Client:	TFC	Sampled By:	WG
Date:	6/9/2017	Weather:	80°F Partly Cloudy

Sample Setup

Vapor Point Depth:	60	Inches	Total Time of Purge:	5 minutes
Tubing Volume:	47.12	In ³	Purge Volume:	1 L
Purging Pump:	SKC PCXR8		Purged Vapor PID:	6.7 ppm
Pump Flow Rate*:	0.2	L/min	Helium Concentration:	0 %

Sample Identification

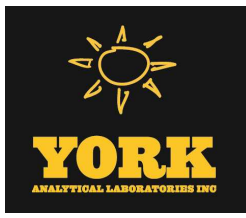
Soil Vapor Point ID:	SV-18	SUMMA® Canister ID:	5669
Flow Controller ID:	4766	Soil Vapor Sample ID:	SV-18 20170609

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	1402	-29	ND	
Time Halfway:	1432	-17	ND	
Time Stopped:				

*Purge flow rate not to exceed 0.2 L/min.
 ND = non-detect ppm = parts per million L/min = Liters per minute
 Soil vapor sample collected in a -L SUMMA® canister using a -hour flow controller.

APPENDIX D
LABORATORY ANALYTICAL DATA SHEETS



Technical Report

prepared for:

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York NY, 10016
Attention: Matthew Levy

Report Date: 06/05/2017
Client Project ID: 170178 38-21 12th Street LIC
York Project (SDG) No.: 17E0947

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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ClientServices@yorklab.com

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York NY, 10016
Attention: Matthew Levy

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 May 23, 2017 and listed below. The project was identified as your project: **170178 38-21 12th Street LIC**.

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 Notes 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 attachment to 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17E0947-01	SB-8 (7.5-8.5)-20170523	Soil	05/23/2017	05/23/2017
17E0947-02	SB-14 (7-8)-20170523	Soil	05/23/2017	05/23/2017
17E0947-03	SB-5 (1-2)-20170523	Soil	05/23/2017	05/23/2017
17E0947-04	SB-5 (11-12)-20170523	Soil	05/23/2017	05/23/2017
17E0947-05	SB-15 (8-9)-20170523	Soil	05/23/2017	05/23/2017
17E0947-06	SB-6 (4-5)-20170523	Soil	05/23/2017	05/23/2017
17E0947-07	SB-6 (8-9)-20170523	Soil	05/23/2017	05/23/2017
17E0947-08	SB-13 (8-9)-20170523	Soil	05/23/2017	05/23/2017
17E0947-09	SB-12 (8-9)-20170523	Soil	05/23/2017	05/23/2017
17E0947-10	SB-7 (1-2)-20170523	Soil	05/23/2017	05/23/2017
17E0947-11	SB-7 (8-9)-20170523	Soil	05/23/2017	05/23/2017
17E0947-12	MW-1-20170523	Water	05/23/2017	05/23/2017
17E0947-13	MW-5-20170523	Water	05/23/2017	05/23/2017
17E0947-14	TB-20170523	Water	05/23/2017	05/23/2017

General Notes for York Project (SDG) No.: 17E0947

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
9. 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:



Benjamin Gulizia
Laboratory Director

Date: 06/05/2017





Sample Information

Client Sample ID: SB-8 (7.5-8.5)-20170523

York Sample ID: 17E0947-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0947	170178 38-21 12th Street LIC	Soil	May 23, 2017 8:20 am	05/23/2017

Volatile Organics, 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	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 09:30	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 09:30	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	2.9	5.7	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK



Sample Information

Client Sample ID: SB-8 (7.5-8.5)-20170523

York Sample ID: 17E0947-01

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 8:20 am	<u>Date Received</u> 05/23/2017
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Volatile Organics, 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
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
67-64-1	Acetone	ND		mg/kg dry	0.29	0.57	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
107-02-8	Acrolein	ND		mg/kg dry	0.29	0.57	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
71-43-2	Benzene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
75-25-2	Bromoform	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
67-66-3	Chloroform	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK



Sample Information

Client Sample ID: SB-8 (7.5-8.5)-20170523

York Sample ID: 17E0947-01

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 8:20 am	<u>Date Received</u> 05/23/2017
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Volatile Organics, 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
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.29	0.57	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.29	0.57	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
100-42-5	Styrene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
108-88-3	Toluene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.14	0.29	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:30	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.43	0.86	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 09:30	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	77-125
2037-26-5	Surrogate: Toluene-d8	94.4 %	85-120



Sample Information

Client Sample ID: SB-8 (7.5-8.5)-20170523

York Sample ID: 17E0947-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 8:20 am

05/23/2017

Volatile Organics, 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
460-00-4	Surrogate: p-Bromofluorobenzene	93.1 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
91-57-6	2-Methylnaphthalene	80.1	J	ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
83-32-9	Acenaphthene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
208-96-8	Acenaphthylene	414		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
62-53-3	Aniline	ND		ug/kg dry	201	402	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
120-12-7	Anthracene	117		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
56-55-3	Benzo(a)anthracene	422		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH



Sample Information

Client Sample ID: SB-8 (7.5-8.5)-20170523

York Sample ID: 17E0947-01

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 8:20 am	<u>Date Received</u> 05/23/2017
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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	341		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
205-99-2	Benzo(b)fluoranthene	318		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
191-24-2	Benzo(g,h,i)perylene	184		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
207-08-9	Benzo(k)fluoranthene	379		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
86-74-8	Carbazole	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
218-01-9	Chrysene	506		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
53-70-3	Dibenzo(a,h)anthracene	90.6	J	ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
206-44-0	Fluoranthene	333		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
86-73-7	Fluorene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH



Sample Information

Client Sample ID: SB-8 (7.5-8.5)-20170523

York Sample ID: 17E0947-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 8:20 am

05/23/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	236		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
78-59-1	Isophorone	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
91-20-3	Naphthalene	82.5	J	ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
85-01-8	Phenanthrene	299		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
129-00-0	Pyrene	660		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
110-86-1	Pyridine	ND		ug/kg dry	201	402	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:10	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	44.7 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	50.0 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	36.7 %	24-116								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1730		mg/kg dry	6.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7440-36-0	Antimony	1.32		mg/kg dry	0.603	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7440-38-2	Arsenic	6.14		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7440-39-3	Barium	44.6		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7440-41-7	Beryllium	ND		mg/kg dry	0.121	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7440-43-9	Cadmium	ND		mg/kg dry	0.362	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7440-70-2	Calcium	4070		mg/kg dry	6.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB



Sample Information

Client Sample ID: SB-8 (7.5-8.5)-20170523

York Sample ID: 17E0947-01

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 8:20 am	<u>Date Received</u> 05/23/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	7.04		mg/kg dry	0.603	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7440-48-4	Cobalt	3.41		mg/kg dry	0.603	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7440-50-8	Copper	44.6		mg/kg dry	0.603	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7439-89-6	Iron	14200		mg/kg dry	2.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7439-92-1	Lead	397		mg/kg dry	0.362	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7439-95-4	Magnesium	547		mg/kg dry	6.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7439-96-5	Manganese	46.3		mg/kg dry	0.603	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7440-02-0	Nickel	10.8		mg/kg dry	0.603	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7440-09-7	Potassium	566		mg/kg dry	6.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7782-49-2	Selenium	4.00		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7440-22-4	Silver	ND		mg/kg dry	0.603	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7440-23-5	Sodium	18.8		mg/kg dry	12.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 18:44	06/04/2017 21:43	RB
7440-28-0	Thallium	ND		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7440-62-2	Vanadium	9.41		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB
7440-66-6	Zinc	62.7		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:43	RB

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.333		mg/kg dry	0.0362	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/30/2017 11:01	05/30/2017 13:22	SY

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
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Sample Information

Client Sample ID: SB-8 (7.5-8.5)-20170523

York Sample ID: 17E0947-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0947	170178 38-21 12th Street LIC	Soil	May 23, 2017 8:20 am	05/23/2017

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	82.9		%	0.100	1	SM 2540G Certifications: CTDOH	05/24/2017 17:52	05/25/2017 10:15	TAJ

Sample Information

Client Sample ID: SB-14 (7-8)-20170523

York Sample ID: 17E0947-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0947	170178 38-21 12th Street LIC	Soil	May 23, 2017 8:40 am	05/23/2017

Volatile Organics, 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	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 05:01	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 05:01	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK



Sample Information

Client Sample ID: SB-14 (7-8)-20170523

York Sample ID: 17E0947-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 8:40 am

05/23/2017

Volatile Organics, 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
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.028	0.055	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
67-64-1	Acetone	0.013		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
71-43-2	Benzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK



Sample Information

Client Sample ID: SB-14 (7-8)-20170523

York Sample ID: 17E0947-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 8:40 am

05/23/2017

Volatile Organics, 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	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
100-42-5	Styrene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK



Sample Information

Client Sample ID: SB-14 (7-8)-20170523

York Sample ID: 17E0947-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 8:40 am

05/23/2017

Volatile Organics, 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
108-88-3	Toluene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:01	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0041	0.0083	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 05:01	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	115 %			77-125						
2037-26-5	Surrogate: Toluene-d8	99.5 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	99.2 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH



Sample Information

Client Sample ID: SB-14 (7-8)-20170523

York Sample ID: 17E0947-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 8:40 am

05/23/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
83-32-9	Acenaphthene	65.2	J	ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
62-53-3	Aniline	ND		ug/kg dry	204	408	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
120-12-7	Anthracene	210		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
56-55-3	Benzo(a)anthracene	541		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
50-32-8	Benzo(a)pyrene	429		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
205-99-2	Benzo(b)fluoranthene	376		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
191-24-2	Benzo(g,h,i)perylene	183		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
207-08-9	Benzo(k)fluoranthene	387		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
86-74-8	Carbazole	117		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
218-01-9	Chrysene	515		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH



Sample Information

Client Sample ID: SB-14 (7-8)-20170523

York Sample ID: 17E0947-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 8:40 am

05/23/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
206-44-0	Fluoranthene	1070		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
86-73-7	Fluorene	72.6	J	ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
193-39-5	Indeno(1,2,3-cd)pyrene	236		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
78-59-1	Isophorone	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
91-20-3	Naphthalene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
85-01-8	Phenanthrene	995		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
129-00-0	Pyrene	1090		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
110-86-1	Pyridine	ND		ug/kg dry	204	408	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 18:58	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	43.6 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	46.6 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	33.5 %	24-116								

Metals, Target Analyte

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-14 (7-8)-20170523

York Sample ID: 17E0947-02

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 8:40 am	<u>Date Received</u> 05/23/2017
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Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	939		mg/kg dry	6.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7440-36-0	Antimony	1.83		mg/kg dry	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7440-38-2	Arsenic	6.19		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7440-39-3	Barium	42.6		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7440-41-7	Beryllium	ND		mg/kg dry	0.122	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7440-43-9	Cadmium	ND		mg/kg dry	0.367	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7440-70-2	Calcium	149000		mg/kg dry	6.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7440-47-3	Chromium	26.4		mg/kg dry	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7440-48-4	Cobalt	2.46		mg/kg dry	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7440-50-8	Copper	38.0		mg/kg dry	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7439-89-6	Iron	6620		mg/kg dry	2.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7439-92-1	Lead	1020		mg/kg dry	0.367	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7439-95-4	Magnesium	4400		mg/kg dry	6.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7439-96-5	Manganese	310		mg/kg dry	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7440-02-0	Nickel	26.9		mg/kg dry	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7440-09-7	Potassium	258		mg/kg dry	6.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7782-49-2	Selenium	ND		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7440-22-4	Silver	ND		mg/kg dry	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7440-23-5	Sodium	58.4		mg/kg dry	12.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7440-28-0	Thallium	ND		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7440-62-2	Vanadium	4.87		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB
7440-66-6	Zinc	491		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:49	RB



Sample Information

Client Sample ID: SB-14 (7-8)-20170523

York Sample ID: 17E0947-02

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 8:40 am	<u>Date Received</u> 05/23/2017
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Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.235		mg/kg dry	0.0367	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/30/2017 11:01	05/30/2017 14:41	SY

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	81.8		%	0.100	1	SM 2540G Certifications: CTDOH	05/24/2017 17:52	05/25/2017 10:15	TAJ

Sample Information

Client Sample ID: SB-5 (1-2)-20170523

York Sample ID: 17E0947-03

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 9:45 am	<u>Date Received</u> 05/23/2017
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Volatile Organics, 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	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 05:31	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 05:31	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK



Sample Information

Client Sample ID: SB-5 (1-2)-20170523

York Sample ID: 17E0947-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 9:45 am

05/23/2017

Volatile Organics, 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
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.027	0.054	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
67-64-1	Acetone	0.0048	J	mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
71-43-2	Benzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK



Sample Information

Client Sample ID: SB-5 (1-2)-20170523

York Sample ID: 17E0947-03

York Project (SDG) No.

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170178 38-21 12th Street LIC

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May 23, 2017 9:45 am

05/23/2017

Volatile Organics, 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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
75-09-2	Methylene chloride	0.0027	J	mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK



Sample Information

Client Sample ID: SB-5 (1-2)-20170523

York Sample ID: 17E0947-03

York Project (SDG) No.

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Volatile Organics, 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
100-42-5	Styrene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
108-88-3	Toluene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 05:31	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 05:31	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	77-125								
2037-26-5	Surrogate: Toluene-d8	103 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	99.1 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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	0.0475	0.0949	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0949	0.189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH



Sample Information

Client Sample ID: SB-5 (1-2)-20170523

York Sample ID: 17E0947-03

York Project (SDG) No.

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various chemical compounds like 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol, etc.



Sample Information

Client Sample ID: SB-5 (1-2)-20170523

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0949	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
208-96-8	Acenaphthylene	0.0827	J	mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
62-53-3	Aniline	ND		mg/kg dry	0.190	0.380	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
120-12-7	Anthracene	0.120		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.380	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
56-55-3	Benzo(a)anthracene	0.773		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
50-32-8	Benzo(a)pyrene	0.799		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
205-99-2	Benzo(b)fluoranthene	0.833		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
191-24-2	Benzo(g,h,i)perylene	0.373		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
207-08-9	Benzo(k)fluoranthene	0.732		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0949	0.189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
86-74-8	Carbazole	0.0834	J	mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH



Sample Information

Client Sample ID: SB-5 (1-2)-20170523

York Sample ID: 17E0947-03

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170178 38-21 12th Street LIC

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	0.768		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
53-70-3	Dibenzo(a,b)anthracene	0.104		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
206-44-0	Fluoranthene	1.45		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	0.478		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
85-01-8	Phenanthrene	0.603		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH
108-95-2	Phenol	ND		mg/kg dry	0.0475	0.0949	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 19:46	KH



Sample Information

Client Sample ID: SB-5 (1-2)-20170523

York Sample ID: 17E0947-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 9:45 am

05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	1.22		mg/kg dry	0.0475	0.0949	2	EPA 8270D	05/31/2017 08:39	06/01/2017 19:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	Result									Acceptance Range
367-12-4	Surrogate: 2-Fluorophenol	43.6 %									20-108
4165-62-2	Surrogate: Phenol-d5	52.7 %									23-114
4165-60-0	Surrogate: Nitrobenzene-d5	43.7 %									22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	51.5 %									21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	49.8 %									19-110
1718-51-0	Surrogate: Terphenyl-d14	41.8 %									24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.88	5	EPA 8081B	05/25/2017 08:39	05/25/2017 18:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	5	EPA 8081B	05/25/2017 08:39	05/25/2017 18:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.88	5	EPA 8081B	05/25/2017 08:39	05/25/2017 18:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.88	5	EPA 8081B	05/25/2017 08:39	05/25/2017 18:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	5	EPA 8081B	05/25/2017 08:39	05/25/2017 18:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B	05/25/2017 08:39	05/25/2017 18:47	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B	05/25/2017 08:39	05/25/2017 18:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	37.5	5	EPA 8081B	05/25/2017 08:39	05/25/2017 18:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B	05/25/2017 08:39	05/25/2017 18:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.88	5	EPA 8081B	05/25/2017 08:39	05/25/2017 18:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	5	EPA 8081B	05/25/2017 08:39	05/25/2017 18:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	5	EPA 8081B	05/25/2017 08:39	05/25/2017 18:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	5	EPA 8081B	05/25/2017 08:39	05/25/2017 18:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.88	5	EPA 8081B	05/25/2017 08:39	05/25/2017 18:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	5	EPA 8081B	05/25/2017 08:39	05/25/2017 18:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: SB-5 (1-2)-20170523

York Sample ID: 17E0947-03

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 9:45 am	<u>Date Received</u> 05/23/2017
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/25/2017 18:47	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/25/2017 18:47	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/25/2017 08:39	05/25/2017 18:47	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/25/2017 18:47	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/25/2017 18:47	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.38	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/25/2017 18:47	SA
8001-35-2	Toxaphene	ND		ug/kg dry	95.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/25/2017 18:47	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	26.7 %	GC-Sur	30-150
			r	
877-09-8	Surrogate: Tetrachloro-m-xylene	30.2 %		30-150

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/25/2017 23:26	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/25/2017 23:26	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/25/2017 23:26	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/25/2017 23:26	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/25/2017 23:26	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/25/2017 23:26	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/25/2017 23:26	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	05/25/2017 08:39	05/25/2017 23:26	LAB

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	31.5 %		30-140
2051-24-3	Surrogate: Decachlorobiphenyl	30.5 %		30-140

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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Sample Information

Client Sample ID: SB-5 (1-2)-20170523

York Sample ID: 17E0947-03

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 9:45 am	<u>Date Received</u> 05/23/2017
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Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5920		mg/kg dry	5.69	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7440-36-0	Antimony	ND		mg/kg dry	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7440-38-2	Arsenic	5.41		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7440-39-3	Barium	86.9		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7440-41-7	Beryllium	ND		mg/kg dry	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7440-43-9	Cadmium	ND		mg/kg dry	0.341	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7440-70-2	Calcium	3850		mg/kg dry	5.69	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7440-47-3	Chromium	12.0		mg/kg dry	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7440-48-4	Cobalt	5.54		mg/kg dry	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7440-50-8	Copper	44.6		mg/kg dry	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7439-89-6	Iron	15800		mg/kg dry	2.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7439-92-1	Lead	181		mg/kg dry	0.341	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7439-95-4	Magnesium	2400		mg/kg dry	5.69	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7439-96-5	Manganese	199		mg/kg dry	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7440-02-0	Nickel	14.9		mg/kg dry	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7440-09-7	Potassium	1020		mg/kg dry	5.69	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7782-49-2	Selenium	2.61		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7440-22-4	Silver	ND		mg/kg dry	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7440-23-5	Sodium	ND		mg/kg dry	11.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 18:44	06/04/2017 21:57	RB
7440-28-0	Thallium	ND		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7440-62-2	Vanadium	15.0		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB
7440-66-6	Zinc	169		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 21:57	RB



Sample Information

Client Sample ID: SB-5 (1-2)-20170523

York Sample ID: 17E0947-03

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 9:45 am	<u>Date Received</u> 05/23/2017
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Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.151		mg/kg dry	0.0341	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/30/2017 11:01	05/30/2017 14:50	SY

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	87.9		%	0.100	1	SM 2540G Certifications: CTDOH	05/24/2017 17:52	05/25/2017 10:15	TAJ

Sample Information

Client Sample ID: SB-5 (11-12)-20170523

York Sample ID: 17E0947-04

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 10:00 am	<u>Date Received</u> 05/23/2017
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Volatile Organics, 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	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 10:00	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 10:00	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK



Sample Information

Client Sample ID: SB-5 (11-12)-20170523

York Sample ID: 17E0947-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 10:00 am

05/23/2017

Volatile Organics, 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
95-63-6	1,2,4-Trimethylbenzene	23		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
108-67-8	1,3,5-Trimethylbenzene	12		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	15	31	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
67-64-1	Acetone	ND		mg/kg dry	1.5	3.1	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
107-02-8	Acrolein	ND		mg/kg dry	1.5	3.1	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
71-43-2	Benzene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
75-25-2	Bromoform	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK



Sample Information

Client Sample ID: SB-5 (11-12)-20170523

York Sample ID: 17E0947-04

York Project (SDG) No.

Client Project ID

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17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 10:00 am

05/23/2017

Volatile Organics, 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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
67-66-3	Chloroform	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
75-09-2	Methylene chloride	ND		mg/kg dry	1.5	3.1	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
104-51-8	n-Butylbenzene	1.6		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
95-47-6	o-Xylene	6.1		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
179601-23-1	p- & m- Xylenes	6.8		mg/kg dry	1.5	3.1	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
99-87-6	p-Isopropyltoluene	2.0		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK



Sample Information

Client Sample ID: SB-5 (11-12)-20170523

York Sample ID: 17E0947-04

York Project (SDG) No.

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170178 38-21 12th Street LIC

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May 23, 2017 10:00 am

05/23/2017

Volatile Organics, 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
100-42-5	Styrene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
108-88-3	Toluene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.77	1.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 10:00	BK
1330-20-7	Xylenes, Total	13		mg/kg dry	2.3	4.6	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 10:00	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			77-125						
2037-26-5	Surrogate: Toluene-d8	99.7 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	98.1 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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	7.39		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.258	0.515	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH



Sample Information

Client Sample ID: SB-5 (11-12)-20170523

York Sample ID: 17E0947-04

York Project (SDG) No.

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170178 38-21 12th Street LIC

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May 23, 2017 10:00 am

05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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	0.258	0.515	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.258	0.515	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
91-57-6	2-Methylnaphthalene	57.6		mg/kg dry	2.58	5.15	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 13:15	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.258	0.515	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.258	0.515	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.258	0.515	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.258	0.515	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH



Sample Information

Client Sample ID: SB-5 (11-12)-20170523

York Sample ID: 17E0947-04

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17E0947

170178 38-21 12th Street LIC

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May 23, 2017 10:00 am

05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.258	0.515	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
83-32-9	Acenaphthene	15.8		mg/kg dry	0.517	1.03	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 12:27	KH
208-96-8	Acenaphthylene	30.0		mg/kg dry	0.517	1.03	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 12:27	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
62-53-3	Aniline	ND		mg/kg dry	0.516	1.03	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
120-12-7	Anthracene	30.7		mg/kg dry	0.517	1.03	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 12:27	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
92-87-5	Benzidine	ND		mg/kg dry	0.516	1.03	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
56-55-3	Benzo(a)anthracene	45.7		mg/kg dry	2.58	5.15	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 13:15	KH
50-32-8	Benzo(a)pyrene	25.8		mg/kg dry	0.517	1.03	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 12:27	KH
205-99-2	Benzo(b)fluoranthene	15.4		mg/kg dry	0.517	1.03	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 12:27	KH
191-24-2	Benzo(g,h,i)perylene	4.12		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
207-08-9	Benzo(k)fluoranthene	16.8		mg/kg dry	0.517	1.03	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 12:27	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.258	0.515	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
86-74-8	Carbazole	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH



Sample Information

Client Sample ID: SB-5 (11-12)-20170523

York Sample ID: 17E0947-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 10:00 am

05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	45.1		mg/kg dry	2.58	5.15	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 13:15	KH
53-70-3	Dibenzo(a,h)anthracene	2.23		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
132-64-9	Dibenzofuran	4.03		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
206-44-0	Fluoranthene	70.0		mg/kg dry	2.58	5.15	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 13:15	KH
86-73-7	Fluorene	55.9		mg/kg dry	2.58	5.15	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 13:15	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
193-39-5	Indeno(1,2,3-cd)pyrene	4.99		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
78-59-1	Isophorone	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
91-20-3	Naphthalene	17.8		mg/kg dry	0.517	1.03	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 12:27	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH
85-01-8	Phenanthrene	107		mg/kg dry	5.17	10.3	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 15:50	KH
108-95-2	Phenol	ND		mg/kg dry	0.129	0.258	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:50	KH



Sample Information

Client Sample ID: SB-5 (11-12)-20170523

York Sample ID: 17E0947-04

York Project (SDG) No.

Client Project ID

Matrix

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17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 10:00 am

05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	117		mg/kg dry	2.58	5.15	100	EPA 8270D	05/31/2017 08:39	06/02/2017 13:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	Result									Acceptance Range
367-12-4	Surrogate: 2-Fluorophenol	47.2 %									20-108
4165-62-2	Surrogate: Phenol-d5	52.2 %									23-114
4165-60-0	Surrogate: Nitrobenzene-d5	48.0 %									22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	56.7 %									21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	33.8 %									19-110
1718-51-0	Surrogate: Terphenyl-d14	41.0 %									24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2017 08:39	05/26/2017 01:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2017 08:39	05/26/2017 01:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2017 08:39	05/26/2017 01:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2017 08:39	05/26/2017 01:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2017 08:39	05/26/2017 01:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2017 08:39	05/26/2017 01:17	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2017 08:39	05/26/2017 01:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	40.8	5	EPA 8081B	05/25/2017 08:39	05/26/2017 01:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2017 08:39	05/26/2017 01:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2017 08:39	05/26/2017 01:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2017 08:39	05/26/2017 01:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2017 08:39	05/26/2017 01:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2017 08:39	05/26/2017 01:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2017 08:39	05/26/2017 01:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.04	5	EPA 8081B	05/25/2017 08:39	05/26/2017 01:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: SB-5 (11-12)-20170523

York Sample ID: 17E0947-04

York Project (SDG) No.

Client Project ID

Matrix

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17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 10:00 am

05/23/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		ug/kg dry	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:17	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:17	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.04	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/25/2017 08:39	05/26/2017 01:17	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:17	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:17	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:17	SA
8001-35-2	Toxaphene	ND		ug/kg dry	103	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:17	SA
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	39.2 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	22.5 %	GC-Sur	30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 00:14	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 00:14	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 00:14	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 00:14	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 00:14	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 00:14	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 00:14	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0206	1	EPA 8082A Certifications:	05/25/2017 08:39	05/26/2017 00:14	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	23.5 %	S-GC	30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	31.5 %		30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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132-02 89th AVENUE
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Sample Information

Client Sample ID: SB-5 (11-12)-20170523

York Sample ID: 17E0947-04

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 10:00 am	<u>Date Received</u> 05/23/2017
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Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2090		mg/kg dry	6.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7440-36-0	Antimony	ND		mg/kg dry	0.618	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7440-38-2	Arsenic	5.59		mg/kg dry	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7440-39-3	Barium	125		mg/kg dry	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7440-41-7	Beryllium	ND		mg/kg dry	0.124	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7440-43-9	Cadmium	1.72		mg/kg dry	0.371	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7440-70-2	Calcium	14600		mg/kg dry	6.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7440-47-3	Chromium	9.54		mg/kg dry	0.618	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7440-48-4	Cobalt	13.9		mg/kg dry	0.618	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7440-50-8	Copper	60.2		mg/kg dry	0.618	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7439-89-6	Iron	6620		mg/kg dry	2.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7439-92-1	Lead	228		mg/kg dry	0.371	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7439-95-4	Magnesium	1380		mg/kg dry	6.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7439-96-5	Manganese	94.9		mg/kg dry	0.618	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7440-02-0	Nickel	51.0		mg/kg dry	0.618	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7440-09-7	Potassium	358		mg/kg dry	6.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7782-49-2	Selenium	2.31		mg/kg dry	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7440-22-4	Silver	ND		mg/kg dry	0.618	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7440-23-5	Sodium	74.7		mg/kg dry	12.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 18:44	06/04/2017 22:02	RB
7440-28-0	Thallium	ND		mg/kg dry	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7440-62-2	Vanadium	7.81		mg/kg dry	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB
7440-66-6	Zinc	478		mg/kg dry	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:02	RB



Sample Information

Client Sample ID: SB-5 (11-12)-20170523

York Sample ID: 17E0947-04

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 10:00 am	<u>Date Received</u> 05/23/2017
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Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.317		mg/kg dry	0.0371	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/30/2017 11:01	05/30/2017 14:58	SY

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	80.9		%	0.100	1	SM 2540G Certifications: CTDOH	05/24/2017 17:52	05/25/2017 10:15	TAJ

Sample Information

Client Sample ID: SB-15 (8-9)-20170523

York Sample ID: 17E0947-05

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 10:30 am	<u>Date Received</u> 05/23/2017
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Volatile Organics, 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	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 06:01	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 06:01	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK



Sample Information

Client Sample ID: SB-15 (8-9)-20170523

York Sample ID: 17E0947-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 10:30 am

05/23/2017

Volatile Organics, 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
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
67-64-1	Acetone	0.017		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
56-23-5	Carbon tetrachloride	0.0053	J	mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK



Sample Information

Client Sample ID: SB-15 (8-9)-20170523

York Sample ID: 17E0947-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 10:30 am

05/23/2017

Volatile Organics, 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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
67-66-3	Chloroform	0.010		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK



Sample Information

Client Sample ID: SB-15 (8-9)-20170523

York Sample ID: 17E0947-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 10:30 am

05/23/2017

Volatile Organics, 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
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:01	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 06:01	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	117 %			77-125						
2037-26-5	Surrogate: Toluene-d8	104 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	96.7 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH



Sample Information

Client Sample ID: SB-15 (8-9)-20170523

York Sample ID: 17E0947-05

York Project (SDG) No.

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17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 10:30 am

05/23/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
83-32-9	Acenaphthene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
62-53-3	Aniline	ND		ug/kg dry	206	412	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
120-12-7	Anthracene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
86-74-8	Carbazole	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
218-01-9	Chrysene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH



Sample Information

Client Sample ID: SB-15 (8-9)-20170523

York Sample ID: 17E0947-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 10:30 am

05/23/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
206-44-0	Fluoranthene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
86-73-7	Fluorene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
78-59-1	Isophorone	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
91-20-3	Naphthalene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
85-01-8	Phenanthrene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
129-00-0	Pyrene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH
110-86-1	Pyridine	ND		ug/kg dry	206	412	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 20:35	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	Surrogate: Nitrobenzene-d5	56.3 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	70.2 %	21-113



Sample Information

Client Sample ID: SB-15 (8-9)-20170523

York Sample ID: 17E0947-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 10:30 am

05/23/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: Terphenyl-d14	52.0 %			24-116						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1080		mg/kg dry	6.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7440-36-0	Antimony	ND		mg/kg dry	0.617	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7440-38-2	Arsenic	1.59		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7440-39-3	Barium	28.2		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7440-41-7	Beryllium	ND		mg/kg dry	0.123	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7440-43-9	Cadmium	ND		mg/kg dry	0.370	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7440-70-2	Calcium	1160		mg/kg dry	6.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7440-47-3	Chromium	7.06		mg/kg dry	0.617	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7440-48-4	Cobalt	5.41		mg/kg dry	0.617	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7440-50-8	Copper	16.7		mg/kg dry	0.617	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7439-89-6	Iron	4140		mg/kg dry	2.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7439-92-1	Lead	13.0		mg/kg dry	0.370	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7439-95-4	Magnesium	176		mg/kg dry	6.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7439-96-5	Manganese	155		mg/kg dry	0.617	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7440-02-0	Nickel	10.5		mg/kg dry	0.617	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7440-09-7	Potassium	191		mg/kg dry	6.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7782-49-2	Selenium	1.23		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7440-22-4	Silver	ND		mg/kg dry	0.617	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7440-23-5	Sodium	ND		mg/kg dry	12.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 18:44	06/04/2017 22:06	RB



Sample Information

Client Sample ID: SB-15 (8-9)-20170523

York Sample ID: 17E0947-05

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 10:30 am	<u>Date Received</u> 05/23/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7440-62-2	Vanadium	6.42		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB
7440-66-6	Zinc	50.0		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:06	RB

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0370	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/30/2017 11:01	05/30/2017 15:07	SY

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	81.1		%	0.100	1	SM 2540G Certifications: CTDOH	05/24/2017 17:52	05/25/2017 10:15	TAJ

Sample Information

Client Sample ID: SB-6 (4-5)-20170523

York Sample ID: 17E0947-06

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 11:40 am	<u>Date Received</u> 05/23/2017
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Volatile Organics, 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	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 06:31	BK



Sample Information

Client Sample ID: SB-6 (4-5)-20170523

York Sample ID: 17E0947-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 11:40 am

05/23/2017

Volatile Organics, 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
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 06:31	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.030	0.060	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
67-64-1	Acetone	0.011		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
71-43-2	Benzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK



Sample Information

Client Sample ID: SB-6 (4-5)-20170523

York Sample ID: 17E0947-06

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 11:40 am

05/23/2017

Volatile Organics, 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
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
75-09-2	Methylene chloride	0.0035	J	mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK



Sample Information

Client Sample ID: SB-6 (4-5)-20170523

York Sample ID: 17E0947-06

York Project (SDG) No.

Client Project ID

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170178 38-21 12th Street LIC

Soil

May 23, 2017 11:40 am

05/23/2017

Volatile Organics, 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
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
100-42-5	Styrene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
108-88-3	Toluene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 06:31	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 06:31	BK

Surrogate Recoveries

Result

Acceptance Range

17060-07-0 Surrogate: 1,2-Dichloroethane-d4

110 %

77-125

2037-26-5 Surrogate: Toluene-d8

104 %

85-120

460-00-4 Surrogate: p-Bromofluorobenzene

104 %

76-130

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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	0.0498	0.0994	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH



Sample Information

Client Sample ID: SB-6 (4-5)-20170523

York Sample ID: 17E0947-06

York Project (SDG) No.

Client Project ID

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170178 38-21 12th Street LIC

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05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0994	0.199	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0994	0.199	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0994	0.199	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0994	0.199	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0994	0.199	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH



Sample Information

Client Sample ID: SB-6 (4-5)-20170523

York Sample ID: 17E0947-06

York Project (SDG) No.

Client Project ID

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17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 11:40 am

05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0994	0.199	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0994	0.199	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0994	0.199	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
62-53-3	Aniline	ND		mg/kg dry	0.199	0.398	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
92-87-5	Benzidine	ND		mg/kg dry	0.199	0.398	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
56-55-3	Benzo(a)anthracene	0.158		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
50-32-8	Benzo(a)pyrene	0.137		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
205-99-2	Benzo(b)fluoranthene	0.122		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
191-24-2	Benzo(g,h,i)perylene	0.0684	J	mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
207-08-9	Benzo(k)fluoranthene	0.130		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH



Sample Information

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0994	0.199	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
218-01-9	Chrysene	0.148		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
206-44-0	Fluoranthene	0.324		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
193-39-5	Indeno(1,2,3-cd)pyrene	0.0795	J	mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH



Sample Information

Client Sample ID: SB-6 (4-5)-20170523

York Sample ID: 17E0947-06

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05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
85-01-8	Phenanthrene	0.220		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
108-95-2	Phenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH
129-00-0	Pyrene	0.327		mg/kg dry	0.0498	0.0994	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 21:23	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	48.0 %	20-108
4165-62-2	Surrogate: Phenol-d5	49.5 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	45.6 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	55.0 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	50.3 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	40.8 %	24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
309-00-2	Aldrin	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/25/2017 08:39	05/26/2017 01:32	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
57-74-9	Chlordane, total	ND		ug/kg dry	39.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA



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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
72-20-8	Endrin	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/25/2017 08:39	05/26/2017 01:32	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA
8001-35-2	Toxaphene	ND		ug/kg dry	99.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:32	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	32.9 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	30.4 %	30-150

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 00:38	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 00:38	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 00:38	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 00:38	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 00:38	LAB



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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 00:38	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 00:38	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications:	05/25/2017 08:39	05/26/2017 00:38	LAB
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	30.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	27.5 %	S-GC		30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7170		mg/kg dry	5.96	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:12	RB
7440-36-0	Antimony	ND		mg/kg dry	0.596	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:12	RB
7440-38-2	Arsenic	6.97		mg/kg dry	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:12	RB
7440-39-3	Barium	145		mg/kg dry	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:12	RB
7440-41-7	Beryllium	ND		mg/kg dry	0.119	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:12	RB
7440-43-9	Cadmium	0.527		mg/kg dry	0.358	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:12	RB
7440-70-2	Calcium	25300		mg/kg dry	5.96	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:12	RB
7440-47-3	Chromium	17.6		mg/kg dry	0.596	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:12	RB
7440-48-4	Cobalt	7.34		mg/kg dry	0.596	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:12	RB
7440-50-8	Copper	38.2		mg/kg dry	0.596	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:12	RB
7439-89-6	Iron	21700		mg/kg dry	2.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:12	RB
7439-92-1	Lead	492		mg/kg dry	0.358	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:12	RB
7439-95-4	Magnesium	2810		mg/kg dry	5.96	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:12	RB
7439-96-5	Manganese	375		mg/kg dry	0.596	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:12	RB



Sample Information

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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, and Zinc.

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Mercury.

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes % Solids.

Sample Information

Client Sample ID: SB-6 (8-9)-20170523

York Sample ID: 17E0947-07

York Project (SDG) No.

Client Project ID

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-6 (8-9)-20170523

York Sample ID: 17E0947-07

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 12:00 pm	<u>Date Received</u> 05/23/2017
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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 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 07:00	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 07:00	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
67-64-1	Acetone	0.020		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK



Sample Information

Client Sample ID: SB-6 (8-9)-20170523

York Sample ID: 17E0947-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 12:00 pm

05/23/2017

Volatile Organics, 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
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK



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17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 12:00 pm

05/23/2017

Volatile Organics, 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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:00	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 07:00	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %	77-125								
2037-26-5	Surrogate: Toluene-d8	103 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	96.6 %	76-130								



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170178 38-21 12th Street LIC

Soil

May 23, 2017 12:00 pm

05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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	0.0455	0.0909	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
91-57-6	2-Methylnaphthalene	0.288		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH



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Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 12:00 pm

05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
208-96-8	Acenaphthylene	2.02		mg/kg dry	0.228	0.454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:01	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
62-53-3	Aniline	ND		mg/kg dry	0.182	0.364	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
120-12-7	Anthracene	0.870		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.364	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
56-55-3	Benzo(a)anthracene	5.88		mg/kg dry	0.228	0.454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:01	KH
50-32-8	Benzo(a)pyrene	4.02		mg/kg dry	0.228	0.454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:01	KH
205-99-2	Benzo(b)fluoranthene	3.46		mg/kg dry	0.228	0.454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:01	KH
191-24-2	Benzo(g,h,i)perylene	1.54		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
207-08-9	Benzo(k)fluoranthene	5.50		mg/kg dry	0.228	0.454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:01	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH



Sample Information

Client Sample ID: SB-6 (8-9)-20170523

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170178 38-21 12th Street LIC

Soil

May 23, 2017 12:00 pm

05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
218-01-9	Chrysene	6.01		mg/kg dry	0.228	0.454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:01	KH
53-70-3	Dibenzo(a,h)anthracene	0.735		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
206-44-0	Fluoranthene	1.98		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
86-73-7	Fluorene	0.168		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
193-39-5	Indeno(1,2,3-cd)pyrene	2.04		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
91-20-3	Naphthalene	0.0487	J	mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
85-01-8	Phenanthrene	0.434		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
108-95-2	Phenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 11:38	KH
129-00-0	Pyrene	4.45		mg/kg dry	0.228	0.454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 10:01	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	52.9 %			20-108						
4165-62-2	Surrogate: Phenol-d5	56.0 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	45.9 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	53.6 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	56.3 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	40.7 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
309-00-2	Aldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/25/2017 08:39	05/26/2017 01:47	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA



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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
72-20-8	Endrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/25/2017 08:39	05/26/2017 01:47	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
8001-35-2	Toxaphene	ND		ug/kg dry	91.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:47	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	36.3 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	31.6 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:02	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:02	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:02	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:02	LAB



Sample Information

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:02	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:02	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:02	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	05/25/2017 08:39	05/26/2017 01:02	LAB
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	33.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	35.0 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1660		mg/kg dry	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7440-36-0	Antimony	3.46		mg/kg dry	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7440-38-2	Arsenic	5.53		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7440-39-3	Barium	229		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7440-41-7	Beryllium	ND		mg/kg dry	0.109	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7440-43-9	Cadmium	2.07		mg/kg dry	0.328	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7440-70-2	Calcium	6970		mg/kg dry	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7440-47-3	Chromium	6.66		mg/kg dry	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7440-48-4	Cobalt	3.57		mg/kg dry	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7440-50-8	Copper	25.2		mg/kg dry	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7439-89-6	Iron	11600		mg/kg dry	2.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7439-92-1	Lead	504		mg/kg dry	0.328	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7439-95-4	Magnesium	803		mg/kg dry	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB



Sample Information

Client Sample ID: SB-6 (8-9)-20170523

York Sample ID: 17E0947-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 12:00 pm

05/23/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	45.8		mg/kg dry	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7440-02-0	Nickel	9.30		mg/kg dry	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7440-09-7	Potassium	342		mg/kg dry	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7782-49-2	Selenium	2.77		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7440-22-4	Silver	ND		mg/kg dry	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7440-23-5	Sodium	17.6		mg/kg dry	10.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 18:44	06/04/2017 22:30	RB
7440-28-0	Thallium	ND		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7440-62-2	Vanadium	8.10		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB
7440-66-6	Zinc	673		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:30	RB

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.215		mg/kg dry	0.0328	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/30/2017 11:01	05/30/2017 15:25	SY

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	91.5		%	0.100	1	SM 2540G Certifications: CTDOH	05/24/2017 17:52	05/25/2017 10:15	TAJ

Sample Information

Client Sample ID: SB-13 (8-9)-20170523

York Sample ID: 17E0947-08

York Project (SDG) No.

Client Project ID

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17E0947

170178 38-21 12th Street LIC

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May 23, 2017 1:30 pm

05/23/2017



Sample Information

Client Sample ID: SB-13 (8-9)-20170523

York Sample ID: 17E0947-08

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May 23, 2017 1:30 pm

05/23/2017

Volatile Organics, 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	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 07:30	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 07:30	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.028	0.056	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK



Sample Information

Client Sample ID: SB-13 (8-9)-20170523

York Sample ID: 17E0947-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 1:30 pm

05/23/2017

Volatile Organics, 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
67-64-1	Acetone	0.014		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
71-43-2	Benzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
67-66-3	Chloroform	0.0025	J	mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK



Sample Information

Client Sample ID: SB-13 (8-9)-20170523

York Sample ID: 17E0947-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 1:30 pm

05/23/2017

Volatile Organics, 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
79-20-9	Methyl acetate	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
100-42-5	Styrene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
108-88-3	Toluene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 07:30	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 07:30	BK

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %	77-125
2037-26-5	Surrogate: Toluene-d8	110 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	76-130



Sample Information

Client Sample ID: SB-13 (8-9)-20170523

York Sample ID: 17E0947-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 1:30 pm

05/23/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
62-53-3	Aniline	ND		ug/kg dry	191	383	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
120-12-7	Anthracene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
56-55-3	Benzo(a)anthracene	85.6	J	ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
50-32-8	Benzo(a)pyrene	61.1	J	ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
205-99-2	Benzo(b)fluoranthene	52.7	J	ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
207-08-9	Benzo(k)fluoranthene	61.9	J	ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH



Sample Information

Client Sample ID: SB-13 (8-9)-20170523

York Sample ID: 17E0947-08

York Project (SDG) No.

Client Project ID

Matrix

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17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 1:30 pm

05/23/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
86-74-8	Carbazole	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
218-01-9	Chrysene	94.0	J	ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
206-44-0	Fluoranthene	129		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
86-73-7	Fluorene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
78-59-1	Isophorone	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH



Sample Information

Client Sample ID: SB-13 (8-9)-20170523

York Sample ID: 17E0947-08

York Project (SDG) No.

Client Project ID

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17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 1:30 pm

05/23/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
85-01-8	Phenanthrene	117		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
129-00-0	Pyrene	186		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
110-86-1	Pyridine	ND		ug/kg dry	191	383	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:00	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	61.0 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	66.0 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	50.2 %	24-116								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4330		mg/kg dry	5.75	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7440-36-0	Antimony	ND		mg/kg dry	0.575	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7440-38-2	Arsenic	5.59		mg/kg dry	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7440-39-3	Barium	88.1		mg/kg dry	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7440-41-7	Beryllium	ND		mg/kg dry	0.115	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7440-43-9	Cadmium	ND		mg/kg dry	0.345	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7440-70-2	Calcium	3040		mg/kg dry	5.75	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7440-47-3	Chromium	9.88		mg/kg dry	0.575	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7440-48-4	Cobalt	4.73		mg/kg dry	0.575	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7440-50-8	Copper	60.2		mg/kg dry	0.575	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7439-89-6	Iron	11000		mg/kg dry	2.30	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB



Sample Information

Client Sample ID: SB-13 (8-9)-20170523

York Sample ID: 17E0947-08

York Project (SDG) No.

Client Project ID

Matrix

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17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 1:30 pm

05/23/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	30.6		mg/kg dry	0.345	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7439-95-4	Magnesium	909		mg/kg dry	5.75	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7439-96-5	Manganese	104		mg/kg dry	0.575	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7440-02-0	Nickel	9.56		mg/kg dry	0.575	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7440-09-7	Potassium	398		mg/kg dry	5.75	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7782-49-2	Selenium	3.06		mg/kg dry	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7440-22-4	Silver	ND		mg/kg dry	0.575	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7440-23-5	Sodium	61.5		mg/kg dry	11.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 18:44	06/04/2017 22:35	RB
7440-28-0	Thallium	ND		mg/kg dry	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7440-62-2	Vanadium	17.0		mg/kg dry	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB
7440-66-6	Zinc	22.2		mg/kg dry	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:35	RB

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.104		mg/kg dry	0.0345	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/30/2017 11:01	05/30/2017 15:34	SY

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	87.0		%	0.100	1	SM 2540G Certifications: CTDOH	05/24/2017 17:52	05/25/2017 10:15	TAJ



Sample Information

Client Sample ID: SB-12 (8-9)-20170523

York Sample ID: 17E0947-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 2:00 pm

05/23/2017

Volatile Organics, 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	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/30/2017 07:30	05/31/2017 13:04	SS
79-00-5	1,1,2-Trichloroethane	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/30/2017 07:30	05/31/2017 13:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
106-93-4	1,2-Dibromoethane	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
78-87-5	1,2-Dichloropropane	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
123-91-1	1,4-Dioxane	ND	IS-LO	mg/kg dry	4.4	8.9	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
591-78-6	2-Hexanone	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
108-10-1	4-Methyl-2-pentanone	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS



Sample Information

Client Sample ID: SB-12 (8-9)-20170523

York Sample ID: 17E0947-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 2:00 pm

05/23/2017

Volatile Organics, 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
67-64-1	Acetone	0.93	CCV-E, SCAL-E, B	mg/kg dry	0.44	0.89	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
107-02-8	Acrolein	ND		mg/kg dry	0.44	0.89	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
71-43-2	Benzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
75-27-4	Bromodichloromethane	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
75-25-2	Bromoform	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
108-90-7	Chlorobenzene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
67-66-3	Chloroform	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
124-48-1	Dibromochloromethane	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
74-95-3	Dibromomethane	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
100-41-4	Ethyl Benzene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
87-68-3	Hexachlorobutadiene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
98-82-8	Isopropylbenzene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS



Sample Information

Client Sample ID: SB-12 (8-9)-20170523

York Sample ID: 17E0947-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 2:00 pm

05/23/2017

Volatile Organics, 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
79-20-9	Methyl acetate	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
108-87-2	Methylcyclohexane	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.44	0.89	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
104-51-8	n-Butylbenzene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
103-65-1	n-Propylbenzene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
95-47-6	o-Xylene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
179601-23-1	p- & m- Xylenes	ND	IS-LO	mg/kg dry	0.44	0.89	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
99-87-6	p-Isopropyltoluene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
135-98-8	sec-Butylbenzene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
100-42-5	Styrene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
98-06-6	tert-Butylbenzene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
127-18-4	Tetrachloroethylene	1.0	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
108-88-3	Toluene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
79-01-6	Trichloroethylene	ND	IS-LO	mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.22	0.44	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 07:30	05/31/2017 13:04	SS
1330-20-7	Xylenes, Total	ND	IS-LO	mg/kg dry	0.67	1.3	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/30/2017 07:30	05/31/2017 13:04	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	77-125
2037-26-5	Surrogate: Toluene-d8	158 %	S-08 85-120
460-00-4	Surrogate: p-Bromofluorobenzene	95.6 %	76-130



Sample Information

Client Sample ID: SB-12 (8-9)-20170523

York Sample ID: 17E0947-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 2:00 pm

05/23/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
83-32-9	Acenaphthene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
208-96-8	Acenaphthylene	516		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
62-53-3	Aniline	ND		ug/kg dry	197	393	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
120-12-7	Anthracene	166		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
56-55-3	Benzo(a)anthracene	920		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
50-32-8	Benzo(a)pyrene	692		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
205-99-2	Benzo(b)fluoranthene	627		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
191-24-2	Benzo(g,h,i)perylene	371		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH



Sample Information

Client Sample ID: SB-12 (8-9)-20170523

York Sample ID: 17E0947-09

York Project (SDG) No.

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17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 2:00 pm

05/23/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	751		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
86-74-8	Carbazole	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
218-01-9	Chrysene	1040		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
53-70-3	Dibenzo(a,h)anthracene	141		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
206-44-0	Fluoranthene	910		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
86-73-7	Fluorene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
193-39-5	Indeno(1,2,3-cd)pyrene	431		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
78-59-1	Isophorone	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
91-20-3	Naphthalene	66.8	J	ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH



Sample Information

Client Sample ID: SB-12 (8-9)-20170523

York Sample ID: 17E0947-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 2:00 pm

05/23/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
85-01-8	Phenanthrene	394		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
129-00-0	Pyrene	1450		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
110-86-1	Pyridine	ND		ug/kg dry	197	393	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 23:48	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	45.1 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	55.8 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	43.3 %			24-116						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2640		mg/kg dry	5.89	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:40	RB
7440-36-0	Antimony	ND		mg/kg dry	0.589	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:40	RB
7440-38-2	Arsenic	5.66		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:40	RB
7440-39-3	Barium	72.6		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:40	RB
7440-41-7	Beryllium	ND		mg/kg dry	0.118	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:40	RB
7440-43-9	Cadmium	0.528		mg/kg dry	0.353	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:40	RB
7440-70-2	Calcium	3820		mg/kg dry	5.89	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:40	RB
7440-47-3	Chromium	6.76		mg/kg dry	0.589	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:40	RB
7440-48-4	Cobalt	10.3		mg/kg dry	0.589	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:40	RB
7440-50-8	Copper	40.9		mg/kg dry	0.589	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:40	RB



Sample Information

Client Sample ID: SB-12 (8-9)-20170523

York Sample ID: 17E0947-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 2:00 pm

05/23/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	7910		mg/kg dry	2.36	1	EPA 6010C	05/26/2017 18:44	06/04/2017 22:40	RB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	151		mg/kg dry	0.353	1	EPA 6010C	05/26/2017 18:44	06/04/2017 22:40	RB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	732		mg/kg dry	5.89	1	EPA 6010C	05/26/2017 18:44	06/04/2017 22:40	RB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	216		mg/kg dry	0.589	1	EPA 6010C	05/26/2017 18:44	06/04/2017 22:40	RB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	20.3		mg/kg dry	0.589	1	EPA 6010C	05/26/2017 18:44	06/04/2017 22:40	RB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	Potassium	676		mg/kg dry	5.89	1	EPA 6010C	05/26/2017 18:44	06/04/2017 22:40	RB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	2.21		mg/kg dry	1.18	1	EPA 6010C	05/26/2017 18:44	06/04/2017 22:40	RB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.589	1	EPA 6010C	05/26/2017 18:44	06/04/2017 22:40	RB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	49.3		mg/kg dry	11.8	1	EPA 6010C	05/26/2017 18:44	06/04/2017 22:40	RB
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.18	1	EPA 6010C	05/26/2017 18:44	06/04/2017 22:40	RB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	8.92		mg/kg dry	1.18	1	EPA 6010C	05/26/2017 18:44	06/04/2017 22:40	RB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	438		mg/kg dry	1.18	1	EPA 6010C	05/26/2017 18:44	06/04/2017 22:40	RB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.207		mg/kg dry	0.0353	1	EPA 7473	05/30/2017 11:01	05/30/2017 15:43	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	84.9		%	0.100	1	SM 2540G	05/24/2017 17:52	05/25/2017 10:15	TAJ
							Certifications: CTDOH			



Sample Information

Client Sample ID: SB-7 (1-2)-20170523

York Sample ID: 17E0947-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 2:30 pm

05/23/2017

Volatile Organics, 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	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 08:30	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 08:30	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.030	0.060	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK



Sample Information

Client Sample ID: SB-7 (1-2)-20170523

York Sample ID: 17E0947-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 2:30 pm

05/23/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Acetone, Acrolein, Acrylonitrile, Benzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropylene, Cyclohexane, Dibromochloromethane, Dibromomethane, Dichlorodifluoromethane, Ethyl Benzene, Hexachlorobutadiene, Isopropylbenzene.



Sample Information

Client Sample ID: SB-7 (1-2)-20170523

York Sample ID: 17E0947-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 2:30 pm

05/23/2017

Volatile Organics, 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
79-20-9	Methyl acetate	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
100-42-5	Styrene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
108-88-3	Toluene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 08:30	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 08:30	BK

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %	77-125
2037-26-5	Surrogate: Toluene-d8	105 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	99.8 %	76-130



Sample Information

Client Sample ID: SB-7 (1-2)-20170523

York Sample ID: 17E0947-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 2:30 pm

05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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	0.0477	0.0952	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH



Sample Information

Client Sample ID: SB-7 (1-2)-20170523

York Sample ID: 17E0947-10

York Project (SDG) No.

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17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 2:30 pm

05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
62-53-3	Aniline	ND		mg/kg dry	0.191	0.381	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
92-87-5	Benzidine	ND		mg/kg dry	0.191	0.381	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
56-55-3	Benzo(a)anthracene	0.109		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
50-32-8	Benzo(a)pyrene	0.0943	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
205-99-2	Benzo(b)fluoranthene	0.100		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
207-08-9	Benzo(k)fluoranthene	0.107		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH



Sample Information

Client Sample ID: SB-7 (1-2)-20170523

York Sample ID: 17E0947-10

York Project (SDG) No.

Client Project ID

Matrix

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17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 2:30 pm

05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
218-01-9	Chrysene	0.120		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
206-44-0	Fluoranthene	0.144		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
193-39-5	Indeno(1,2,3-cd)pyrene	0.0533	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH



Sample Information

Client Sample ID: SB-7 (1-2)-20170523

York Sample ID: 17E0947-10

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 2:30 pm	<u>Date Received</u> 05/23/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
85-01-8	Phenanthrene	0.0510	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
108-95-2	Phenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
129-00-0	Pyrene	0.164		mg/kg dry	0.0477	0.0952	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/02/2017 00:36	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	42.6 %	20-108								
4165-62-2	Surrogate: Phenol-d5	47.3 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	40.3 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	41.8 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	54.7 %	19-110								
1718-51-0	Surrogate: Terphenyl-d14	46.2 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
309-00-2	Aldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/25/2017 08:39	05/26/2017 02:02	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA



Sample Information

Client Sample ID: SB-7 (1-2)-20170523

York Sample ID: 17E0947-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 2:30 pm

05/23/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
72-20-8	Endrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/25/2017 08:39	05/26/2017 02:02	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.41	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
8001-35-2	Toxaphene	ND		ug/kg dry	95.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:02	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	45.5 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	39.1 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:26	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:26	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:26	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:26	LAB



Sample Information

Client Sample ID: SB-7 (1-2)-20170523

York Sample ID: 17E0947-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 2:30 pm

05/23/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:26	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:26	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:26	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	05/25/2017 08:39	05/26/2017 01:26	LAB
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	36.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	37.5 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3390		mg/kg dry	5.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7440-36-0	Antimony	ND		mg/kg dry	0.571	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7440-38-2	Arsenic	6.42		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7440-39-3	Barium	78.5		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7440-41-7	Beryllium	ND		mg/kg dry	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7440-43-9	Cadmium	0.392		mg/kg dry	0.342	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7440-70-2	Calcium	8360		mg/kg dry	5.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7440-47-3	Chromium	9.82		mg/kg dry	0.571	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7440-48-4	Cobalt	4.94		mg/kg dry	0.571	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7440-50-8	Copper	44.2		mg/kg dry	0.571	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7439-89-6	Iron	14500		mg/kg dry	2.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7439-92-1	Lead	633		mg/kg dry	0.342	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7439-95-4	Magnesium	1110		mg/kg dry	5.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB



Sample Information

Client Sample ID: SB-7 (1-2)-20170523

York Sample ID: 17E0947-10

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 2:30 pm	<u>Date Received</u> 05/23/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	102		mg/kg dry	0.571	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7440-02-0	Nickel	13.0		mg/kg dry	0.571	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7440-09-7	Potassium	823		mg/kg dry	5.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7782-49-2	Selenium	2.70		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7440-22-4	Silver	ND		mg/kg dry	0.571	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7440-23-5	Sodium	121		mg/kg dry	11.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 18:44	06/04/2017 22:45	RB
7440-28-0	Thallium	ND		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7440-62-2	Vanadium	17.7		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB
7440-66-6	Zinc	146		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:45	RB

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.180		mg/kg dry	0.0342	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/30/2017 11:01	05/30/2017 15:51	SY

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	87.6		%	0.100	1	SM 2540G Certifications: CTDOH	05/25/2017 10:46	05/25/2017 12:51	TAJ

Sample Information

Client Sample ID: SB-7 (8-9)-20170523

York Sample ID: 17E0947-11

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 3:00 pm	<u>Date Received</u> 05/23/2017
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Sample Information

Client Sample ID: SB-7 (8-9)-20170523

York Sample ID: 17E0947-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 3:00 pm

05/23/2017

Volatile Organics, 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	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 09:00	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 09:00	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.034	0.068	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK



Sample Information

Client Sample ID: SB-7 (8-9)-20170523

York Sample ID: 17E0947-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 3:00 pm

05/23/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Acetone, Acrolein, Acrylonitrile, Benzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropylene, Cyclohexane, Dibromochloromethane, Dibromomethane, Dichlorodifluoromethane, Ethyl Benzene, Hexachlorobutadiene, Isopropylbenzene.



Sample Information

Client Sample ID: SB-7 (8-9)-20170523

York Sample ID: 17E0947-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 3:00 pm

05/23/2017

Volatile Organics, 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
79-20-9	Methyl acetate	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
75-09-2	Methylene chloride	0.0050	J	mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
100-42-5	Styrene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
108-88-3	Toluene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2017 13:01	05/29/2017 09:00	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 13:01	05/29/2017 09:00	BK

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %	77-125
2037-26-5	Surrogate: Toluene-d8	97.9 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	96.0 %	76-130



Sample Information

Client Sample ID: SB-7 (8-9)-20170523

York Sample ID: 17E0947-11

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 3:00 pm	<u>Date Received</u> 05/23/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH



Sample Information

Client Sample ID: SB-7 (8-9)-20170523

York Sample ID: 17E0947-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 3:00 pm

05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
208-96-8	Acenaphthylene	0.0496	J	mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
62-53-3	Aniline	ND		mg/kg dry	0.185	0.371	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
120-12-7	Anthracene	0.115		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.371	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
56-55-3	Benzo(a)anthracene	0.692		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
50-32-8	Benzo(a)pyrene	0.638		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
205-99-2	Benzo(b)fluoranthene	0.543		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
191-24-2	Benzo(g,h,i)perylene	0.343		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
207-08-9	Benzo(k)fluoranthene	0.528		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH



Sample Information

Client Sample ID: SB-7 (8-9)-20170523

York Sample ID: 17E0947-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 3:00 pm

05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
218-01-9	Chrysene	0.678		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
53-70-3	Dibenzo(a,h)anthracene	0.0806	J	mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
206-44-0	Fluoranthene	1.27		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
193-39-5	Indeno(1,2,3-cd)pyrene	0.389		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH



Sample Information

Client Sample ID: SB-7 (8-9)-20170523

York Sample ID: 17E0947-11

York Project (SDG) No.

Client Project ID

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17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 3:00 pm

05/23/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
85-01-8	Phenanthrene	0.513		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
129-00-0	Pyrene	1.48		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/31/2017 08:39	06/01/2017 15:45	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	31.0 %		20-108							
4165-62-2	Surrogate: Phenol-d5	50.2 %		23-114							
4165-60-0	Surrogate: Nitrobenzene-d5	40.6 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	54.9 %		21-113							
118-79-6	Surrogate: 2,4,6-Tribromophenol	10.4 %	S-08	19-110							
1718-51-0	Surrogate: Terphenyl-d14	46.3 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
309-00-2	Aldrin	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/25/2017 08:39	05/26/2017 02:17	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA



Sample Information

Client Sample ID: SB-7 (8-9)-20170523

York Sample ID: 17E0947-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 3:00 pm

05/23/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
72-20-8	Endrin	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/25/2017 08:39	05/26/2017 02:17	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
8001-35-2	Toxaphene	ND		ug/kg dry	93.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 02:17	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	41.0 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	37.0 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:50	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:50	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:50	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:50	LAB



Sample Information

Client Sample ID: SB-7 (8-9)-20170523

York Sample ID: 17E0947-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Soil

May 23, 2017 3:00 pm

05/23/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:50	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:50	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 08:39	05/26/2017 01:50	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	05/25/2017 08:39	05/26/2017 01:50	LAB
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	40.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	42.0 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7580		mg/kg dry	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7440-36-0	Antimony	ND		mg/kg dry	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7440-38-2	Arsenic	4.01		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7440-39-3	Barium	127		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7440-41-7	Beryllium	ND		mg/kg dry	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7440-43-9	Cadmium	0.450		mg/kg dry	0.334	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7440-70-2	Calcium	24300		mg/kg dry	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7440-47-3	Chromium	16.8		mg/kg dry	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7440-48-4	Cobalt	8.81		mg/kg dry	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7440-50-8	Copper	23.2		mg/kg dry	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7439-89-6	Iron	14100		mg/kg dry	2.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7439-92-1	Lead	122		mg/kg dry	0.334	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7439-95-4	Magnesium	4490		mg/kg dry	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB



Sample Information

Client Sample ID: SB-7 (8-9)-20170523

York Sample ID: 17E0947-11

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 23, 2017 3:00 pm	<u>Date Received</u> 05/23/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	247		mg/kg dry	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7440-02-0	Nickel	15.4		mg/kg dry	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7440-09-7	Potassium	5800		mg/kg dry	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7782-49-2	Selenium	2.09		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7440-22-4	Silver	ND		mg/kg dry	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7440-23-5	Sodium	103		mg/kg dry	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 18:44	06/04/2017 22:53	RB
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7440-62-2	Vanadium	21.9		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB
7440-66-6	Zinc	109		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:44	06/04/2017 22:53	RB

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.442		mg/kg dry	0.0334	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/30/2017 11:01	05/30/2017 16:00	SY

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	89.8		%	0.100	1	SM 2540G Certifications: CTDOH	05/25/2017 10:46	05/25/2017 12:51	TAJ

Sample Information

Client Sample ID: MW-1-20170523

York Sample ID: 17E0947-12

<u>York Project (SDG) No.</u> 17E0947	<u>Client Project ID</u> 170178 38-21 12th Street LIC	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 23, 2017 9:55 am	<u>Date Received</u> 05/23/2017
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Sample Information

Client Sample ID: MW-1-20170523

York Sample ID: 17E0947-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 9:55 am

05/23/2017

Volatile Organics, 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	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK



Sample Information

Client Sample ID: MW-1-20170523

York Sample ID: 17E0947-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 9:55 am

05/23/2017

Volatile Organics, 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
67-64-1	Acetone	2.1		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
75-15-0	Carbon disulfide	0.24	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
56-23-5	Carbon tetrachloride	0.83		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
67-66-3	Chloroform	0.97		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK



Sample Information

Client Sample ID: MW-1-20170523

York Sample ID: 17E0947-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 9:55 am

05/23/2017

Volatile Organics, 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
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/28/2017 10:30	05/28/2017 20:50	BK
179601-23-1	p- & m- Xylenes	0.50	J	ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/28/2017 10:30	05/28/2017 20:50	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
127-18-4	Tetrachloroethylene	1.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
108-88-3	Toluene	0.38	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
156-60-5	trans-1,2-Dichloroethylene	1.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/28/2017 10:30	05/28/2017 20:50	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	69-130
2037-26-5	Surrogate: Toluene-d8	105 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	79-122



Sample Information

Client Sample ID: MW-1-20170523

York Sample ID: 17E0947-12

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17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 9:55 am

05/23/2017

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	3.45	6.90	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
95-57-8	2-Chlorophenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
95-48-7	2-Methylphenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
88-74-4	2-Nitroaniline	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
88-75-5	2-Nitrophenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR



Sample Information

Client Sample ID: MW-1-20170523

York Sample ID: 17E0947-12

York Project (SDG) No.

Client Project ID

Matrix

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17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 9:55 am

05/23/2017

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
99-09-2	3-Nitroaniline	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
100-01-6	4-Nitroaniline	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
100-02-7	4-Nitrophenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
83-32-9	Acenaphthene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
208-96-8	Acenaphthylene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
98-86-2	Acetophenone	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
62-53-3	Aniline	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
120-12-7	Anthracene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
1912-24-9	Atrazine	ND		ug/L	0.690	0.690	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
100-52-7	Benzaldehyde	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
92-87-5	Benzidine	ND		ug/L	13.8	27.6	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
65-85-0	Benzoic acid	ND		ug/L	34.5	69.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
100-51-6	Benzyl alcohol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR



Sample Information

Client Sample ID: MW-1-20170523

York Sample ID: 17E0947-12

York Project (SDG) No.

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17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 9:55 am

05/23/2017

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
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
117-81-7	Bis(2-ethylhexyl)phthalate	1.30	B	ug/L	0.690	0.690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
105-60-2	Caprolactam	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
86-74-8	Carbazole	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.690	0.690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
218-01-9	Chrysene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
132-64-9	Dibenzofuran	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
84-66-2	Diethyl phthalate	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
131-11-3	Dimethyl phthalate	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
91-20-3	Naphthalene	0.248		ug/L	0.0690	0.0690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
206-44-0	Fluoranthene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
86-73-7	Fluorene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
118-74-1	Hexachlorobenzene	ND		ug/L	0.0276	0.0276	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
67-72-1	Hexachloroethane	ND		ug/L	0.690	0.690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
78-59-1	Isophorone	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR



Sample Information

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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
98-95-3	Nitrobenzene	ND		ug/L	0.345	0.345	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.690	0.690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.345	0.345	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
85-01-8	Phenanthrene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
108-95-2	Phenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 15:56	SR
129-00-0	Pyrene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 22:29	RB
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	32.1 %		12-64							
4165-62-2	Surrogate: Phenol-d5	20.2 %		10-82							
4165-60-0	Surrogate: Nitrobenzene-d5	58.6 %		12-96							
321-60-8	Surrogate: 2-Fluorobiphenyl	64.5 %		16-84							
118-79-6	Surrogate: 2,4,6-Tribromophenol	106 %	S-08	15-104							
1718-51-0	Surrogate: Terphenyl-d14	57.9 %		15-106							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00485	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00485	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00485	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
309-00-2	Aldrin	ND		ug/L	0.00485	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
319-84-6	alpha-BHC	ND		ug/L	0.00485	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00485	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
319-85-7	beta-BHC	ND		ug/L	0.00485	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
57-74-9	Chlordane, total	ND		ug/L	0.0242	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA



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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00485	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
60-57-1	Dieldrin	ND		ug/L	0.00242	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
959-98-8	Endosulfan I	ND		ug/L	0.00485	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00485	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00485	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
72-20-8	Endrin	ND		ug/L	0.00485	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0121	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0121	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00485	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0121	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
76-44-8	Heptachlor	ND		ug/L	0.00485	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00485	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
72-43-5	Methoxychlor	ND		ug/L	0.00485	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA
8001-35-2	Toxaphene	ND		ug/L	0.121	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:18	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	47.3 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	57.6 %	30-150

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0606	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 07:20	05/30/2017 17:59	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0606	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 07:20	05/30/2017 17:59	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0606	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 07:20	05/30/2017 17:59	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0606	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 07:20	05/30/2017 17:59	SA



Sample Information

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.0606	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 07:20	05/30/2017 17:59	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0606	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 07:20	05/30/2017 17:59	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0606	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 07:20	05/30/2017 17:59	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0606	1	EPA 8082A Certifications:	05/25/2017 07:20	05/30/2017 17:59	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	59.5 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	70.0 %	30-120							

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.476		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:02	KML
7440-39-3	Barium	0.0401		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:02	KML
7440-70-2	Calcium	96.1		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:02	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:02	KML
7440-50-8	Copper	0.00513		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:02	KML
7439-89-6	Iron	1.06		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:02	KML
7439-92-1	Lead	0.00948		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:02	KML
7439-95-4	Magnesium	9.76		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:02	KML
7439-96-5	Manganese	1.37		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:02	KML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:02	KML
7440-09-7	Potassium	7.80		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:02	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:02	KML
7440-23-5	Sodium	51.1		mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:02	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:02	KML



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Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.0289		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:02	KML

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:48	KML
7440-39-3	Barium	0.0377		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:48	KML
7440-70-2	Calcium	87.8		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:48	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:48	KML
7440-50-8	Copper	ND		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:48	KML
7439-89-6	Iron	0.123		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:48	KML
7439-92-1	Lead	ND		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:48	KML
7439-95-4	Magnesium	8.52		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:48	KML
7439-96-5	Manganese	1.04		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:48	KML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:48	KML
7440-09-7	Potassium	7.88		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:48	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:48	KML
7440-23-5	Sodium	53.6		mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:48	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:48	KML
7440-66-6	Zinc	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:48	KML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:32	06/02/2017 19:59	ZZZ



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Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.12		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:32	06/02/2017 19:59	ZZZ
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:32	06/02/2017 19:59	ZZZ
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:32	06/02/2017 19:59	ZZZ
7439-98-7	Molybdenum	10.9		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:32	06/02/2017 19:59	ZZZ
7782-49-2	Selenium	4.25		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:32	06/02/2017 19:59	ZZZ
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:32	06/02/2017 19:59	ZZZ

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:34	06/02/2017 19:59	ZZZ
7440-38-2	Arsenic	1.12		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:34	06/02/2017 19:59	ZZZ
7440-41-7	Beryllium	ND		ug/L	0.111	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:34	06/02/2017 19:59	ZZZ
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:34	06/02/2017 19:59	ZZZ
7439-98-7	Molybdenum	10.9		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:34	06/02/2017 19:59	ZZZ
7782-49-2	Selenium	4.25		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:34	06/02/2017 19:59	ZZZ
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:34	06/02/2017 19:59	ZZZ

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 14:31	06/02/2017 14:31	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 14:31	06/02/2017 14:31	AA



Sample Information

Client Sample ID: MW-1-20170523

York Sample ID: 17E0947-12

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
17E0947	170178 38-21 12th Street LIC	Water	May 23, 2017 9:55 am	05/23/2017

Sample Information

Client Sample ID: MW-5-20170523

York Sample ID: 17E0947-13

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
17E0947	170178 38-21 12th Street LIC	Water	May 23, 2017 2:45 pm	05/23/2017

Volatile Organics, 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	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
95-63-6	1,2,4-Trimethylbenzene	29		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
108-67-8	1,3,5-Trimethylbenzene	14		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK



Sample Information

Client Sample ID: MW-5-20170523

York Sample ID: 17E0947-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 2:45 pm

05/23/2017

Volatile Organics, 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
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
123-91-1	1,4-Dioxane	ND		ug/L	200	200	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
78-93-3	2-Butanone	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
67-64-1	Acetone	ND		ug/L	5.0	10	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
107-02-8	Acrolein	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
107-13-1	Acrylonitrile	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
71-43-2	Benzene	2.2	J	ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
74-83-9	Bromomethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
156-59-2	cis-1,2-Dichloroethylene	5.8		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
110-82-7	Cyclohexane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK



Sample Information

Client Sample ID: MW-5-20170523

York Sample ID: 17E0947-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 2:45 pm

05/23/2017

Volatile Organics, 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
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
100-41-4	Ethyl Benzene	2.6		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
98-82-8	Isopropylbenzene	1.2	J	ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
79-20-9	Methyl acetate	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
108-87-2	Methylcyclohexane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
104-51-8	n-Butylbenzene	1.2	J	ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
103-65-1	n-Propylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
95-47-6	o-Xylene	18		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854	05/28/2017 10:30	05/28/2017 15:48	BK
179601-23-1	p- & m- Xylenes	20		ug/L	2.5	5.0	5	EPA 8260C Certifications: NELAC-NY10854	05/28/2017 10:30	05/28/2017 15:48	BK
99-87-6	p-Isopropyltoluene	1.3	J	ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
135-98-8	sec-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
100-42-5	Styrene	3.4		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	2.5	5.0	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
127-18-4	Tetrachloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
108-88-3	Toluene	3.2		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
79-01-6	Trichloroethylene	5.2		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK



Sample Information

Client Sample ID: MW-5-20170523

York Sample ID: 17E0947-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 2:45 pm

05/23/2017

Volatile Organics, 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
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
75-01-4	Vinyl Chloride	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
1330-20-7	* Xylenes, Total	39		ug/L	3.0	7.5	5	EPA 8260C Certifications: CTDOH,NJDEP	05/28/2017 10:30	05/28/2017 15:48	BK
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			69-130						
2037-26-5	Surrogate: Toluene-d8	103 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	106 %			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	9.73		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR



Sample Information

Client Sample ID: MW-5-20170523

York Sample ID: 17E0947-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 2:45 pm

05/23/2017

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
91-57-6	2-Methylnaphthalene	87.2		ug/L	13.9	27.8	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	06/01/2017 10:53	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
83-32-9	Acenaphthene	13.5		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
208-96-8	Acenaphthylene	82.3		ug/L	0.278	0.278	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	06/01/2017 10:53	SR
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
120-12-7	Anthracene	5.67		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
1912-24-9	Atrazine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR



Sample Information

Client Sample ID: MW-5-20170523

York Sample ID: 17E0947-13

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170178 38-21 12th Street LIC

Water

May 23, 2017 2:45 pm

05/23/2017

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
92-87-5	Benzidine	ND		ug/L	11.1	22.2	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
56-55-3	Benzo(a)anthracene	1.30		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
50-32-8	Benzo(a)pyrene	0.889		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
205-99-2	Benzo(b)fluoranthene	0.567		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
191-24-2	Benzo(g,h,i)perylene	0.589		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
207-08-9	Benzo(k)fluoranthene	0.578		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
117-81-7	Bis(2-ethylhexyl)phthalate	1.38	B	ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
218-01-9	Chrysene	1.27		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
53-70-3	Dibenzo(a,h)anthracene	0.233		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR



Sample Information

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17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 2:45 pm

05/23/2017

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
91-20-3	Naphthalene	132		ug/L	13.9	27.8	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	06/01/2017 10:53	SR
206-44-0	Fluoranthene	4.14		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
86-73-7	Fluorene	34.9		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
193-39-5	Indeno(1,2,3-cd)pyrene	0.433		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/28/2017 23:00	RB
85-01-8	Phenanthrene	41.4		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
129-00-0	Pyrene	5.66		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:23	05/31/2017 16:26	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	24.7 %			12-64						
4165-62-2	Surrogate: Phenol-d5	15.4 %			10-82						
4165-60-0	Surrogate: Nitrobenzene-d5	50.5 %			12-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	58.7 %			16-84						
118-79-6	Surrogate: 2,4,6-Tribromophenol	85.8 %			15-104						
1718-51-0	Surrogate: Terphenyl-d14	43.4 %			15-106						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615									
www.YORKLAB.com	(203) 325-1371									
						132-02 89th AVENUE				
						FAX (203) 357-0166				
								RICHMOND HILL, NY 11418		
								ClientServices@		



Sample Information

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170178 38-21 12th Street LIC

Water

May 23, 2017 2:45 pm

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
57-74-9	Chlordane, total	ND		ug/L	0.0222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
60-57-1	Dieldrin	ND		ug/L	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 07:20	05/31/2017 11:33	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3 Surrogate: Decachlorobiphenyl

45.3 %

30-150



Sample Information

Client Sample ID: MW-5-20170523

York Sample ID: 17E0947-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 2:45 pm

05/23/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	39.3 %			30-150					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 07:20	05/30/2017 18:23	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 07:20	05/30/2017 18:23	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 07:20	05/30/2017 18:23	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 07:20	05/30/2017 18:23	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 07:20	05/30/2017 18:23	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 07:20	05/30/2017 18:23	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/25/2017 07:20	05/30/2017 18:23	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 8082A Certifications:	05/25/2017 07:20	05/30/2017 18:23	SA

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	26.0 %	S-GC	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	51.5 %		30-120

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.110		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:07	KML
7440-39-3	Barium	0.0819		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:07	KML
7440-70-2	Calcium	64.6		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:07	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:07	KML
7440-50-8	Copper	0.00539		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:07	KML
7439-89-6	Iron	0.677		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:07	KML



Sample Information

Client Sample ID: MW-5-20170523

York Sample ID: 17E0947-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 2:45 pm

05/23/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	0.0162		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:07	KML
7439-95-4	Magnesium	8.29		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:07	KML
7439-96-5	Manganese	0.0717		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:07	KML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:07	KML
7440-09-7	Potassium	5.74		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:07	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:07	KML
7440-23-5	Sodium	55.2		mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:07	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:07	KML
7440-66-6	Zinc	0.0814		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 10:13	05/31/2017 23:07	KML

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:53	KML
7440-39-3	Barium	0.0787		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:53	KML
7440-70-2	Calcium	66.3		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:53	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:53	KML
7440-50-8	Copper	ND		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:53	KML
7439-89-6	Iron	0.167		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:53	KML
7439-92-1	Lead	ND		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:53	KML
7439-95-4	Magnesium	8.39		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:53	KML
7439-96-5	Manganese	0.0726		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:53	KML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:53	KML
7440-09-7	Potassium	5.73		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:53	KML



Sample Information

Client Sample ID: MW-5-20170523

York Sample ID: 17E0947-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 2:45 pm

05/23/2017

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:53	KML
7440-23-5	Sodium	54.7		mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:53	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:53	KML
7440-66-6	Zinc	0.0354		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/30/2017 09:10	05/31/2017 20:53	KML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:32	06/02/2017 20:06	ZZZ
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:32	06/02/2017 20:06	ZZZ
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:32	06/02/2017 20:06	ZZZ
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:32	06/02/2017 20:06	ZZZ
7439-98-7	Molybdenum	2.18		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:32	06/02/2017 20:06	ZZZ
7782-49-2	Selenium	1.62		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:32	06/02/2017 20:06	ZZZ
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:32	06/02/2017 20:06	ZZZ

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:34	06/02/2017 20:06	ZZZ
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:34	06/02/2017 20:06	ZZZ
7440-41-7	Beryllium	ND		ug/L	0.111	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:34	06/02/2017 20:06	ZZZ
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:34	06/02/2017 20:06	ZZZ
7439-98-7	Molybdenum	2.18		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:34	06/02/2017 20:06	ZZZ
7782-49-2	Selenium	1.62		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 10:34	06/02/2017 20:06	ZZZ



Sample Information

Client Sample ID: MW-5-20170523

York Sample ID: 17E0947-13

York Project (SDG) No. 17E0947 Client Project ID 170178 38-21 12th Street LIC Matrix Water Collection Date/Time May 23, 2017 2:45 pm Date Received 05/23/2017

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-28-0, Thallium, ND, ug/L, 1.11, 1, EPA 6020A, 06/02/2017 10:34, 06/02/2017 20:06, ZZZ. Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6, Mercury, ND, mg/L, 0.0002, 1, EPA 7470, 06/02/2017 14:31, 06/02/2017 14:31, AA. Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6, Mercury, ND, mg/L, 0.0002000, 1, EPA 7470, 06/02/2017 14:31, 06/02/2017 14:31, AA. Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: TB-20170523

York Sample ID: 17E0947-14

York Project (SDG) No. 17E0947 Client Project ID 170178 38-21 12th Street LIC Matrix Water Collection Date/Time May 23, 2017 7:00 am Date Received 05/23/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 630-20-6 (1,1,1,2-Tetrachloroethane), 71-55-6 (1,1,1-Trichloroethane), 79-34-5 (1,1,2,2-Tetrachloroethane), 76-13-1 (1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)), 79-00-5 (1,1,2-Trichloroethane), 75-34-3 (1,1-Dichloroethane), 75-35-4 (1,1-Dichloroethylene). All results are ND.



Sample Information

Client Sample ID: TB-20170523

York Sample ID: 17E0947-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 7:00 am

05/23/2017

Volatile Organics, 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
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK



Sample Information

Client Sample ID: TB-20170523

York Sample ID: 17E0947-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 7:00 am

05/23/2017

Volatile Organics, 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
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/26/2017 07:15	05/26/2017 14:16	BK



Sample Information

Client Sample ID: TB-20170523

York Sample ID: 17E0947-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0947

170178 38-21 12th Street LIC

Water

May 23, 2017 7:00 am

05/23/2017

Volatile Organics, 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
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/26/2017 07:15	05/26/2017 14:16	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/26/2017 07:15	05/26/2017 14:16	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.8 %	69-130								
2037-26-5	Surrogate: Toluene-d8	103 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	112 %	79-122								



Analytical Batch Summary

Batch ID: BE71278 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
17E0947-01	SB-8 (7.5-8.5)-20170523	05/24/17
17E0947-02	SB-14 (7-8)-20170523	05/24/17
17E0947-03	SB-5 (1-2)-20170523	05/24/17
17E0947-04	SB-5 (11-12)-20170523	05/24/17
17E0947-05	SB-15 (8-9)-20170523	05/24/17
17E0947-06	SB-6 (4-5)-20170523	05/24/17
17E0947-07	SB-6 (8-9)-20170523	05/24/17
17E0947-08	SB-13 (8-9)-20170523	05/24/17
17E0947-09	SB-12 (8-9)-20170523	05/24/17

Batch ID: BE71293 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
17E0947-12	MW-1-20170523	05/25/17
17E0947-12	MW-1-20170523	05/25/17
17E0947-13	MW-5-20170523	05/25/17
17E0947-13	MW-5-20170523	05/25/17
BE71293-BLK1	Blank	05/25/17
BE71293-BLK2	Blank	05/25/17
BE71293-BS1	LCS	05/25/17
BE71293-BS2	LCS	05/25/17
BE71293-BSD1	LCS Dup	05/25/17
BE71293-BSD2	LCS Dup	05/25/17

Batch ID: BE71294 **Preparation Method:** EPA 3510C **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
17E0947-12	MW-1-20170523	05/25/17
17E0947-13	MW-5-20170523	05/25/17
BE71294-BLK1	Blank	05/25/17
BE71294-BLK2	Blank	05/25/17
BE71294-BS1	LCS	05/25/17
BE71294-BS2	LCS	05/25/17
BE71294-BSD1	LCS Dup	05/25/17

Batch ID: BE71308 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
17E0947-03	SB-5 (1-2)-20170523	05/25/17
17E0947-03	SB-5 (1-2)-20170523	05/25/17
17E0947-04	SB-5 (11-12)-20170523	05/25/17
17E0947-04	SB-5 (11-12)-20170523	05/25/17
17E0947-06	SB-6 (4-5)-20170523	05/25/17
17E0947-06	SB-6 (4-5)-20170523	05/25/17



17E0947-07	SB-6 (8-9)-20170523	05/25/17
17E0947-07	SB-6 (8-9)-20170523	05/25/17
17E0947-10	SB-7 (1-2)-20170523	05/25/17
17E0947-10	SB-7 (1-2)-20170523	05/25/17
17E0947-11	SB-7 (8-9)-20170523	05/25/17
17E0947-11	SB-7 (8-9)-20170523	05/25/17
BE71308-BLK1	Blank	05/25/17
BE71308-BLK2	Blank	05/25/17
BE71308-BS1	LCS	05/25/17
BE71308-BS2	LCS	05/25/17

Batch ID: BE71320 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
17E0947-10	SB-7 (1-2)-20170523	05/25/17
17E0947-11	SB-7 (8-9)-20170523	05/25/17

Batch ID: BE71373 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17E0947-14	TB-20170523	05/26/17

Batch ID: BE71423 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17E0947-01	SB-8 (7.5-8.5)-20170523	05/26/17
17E0947-02	SB-14 (7-8)-20170523	05/26/17
17E0947-03	SB-5 (1-2)-20170523	05/26/17
17E0947-04	SB-5 (11-12)-20170523	05/26/17
17E0947-05	SB-15 (8-9)-20170523	05/26/17
17E0947-06	SB-6 (4-5)-20170523	05/26/17
17E0947-07	SB-6 (8-9)-20170523	05/26/17
17E0947-08	SB-13 (8-9)-20170523	05/26/17
17E0947-09	SB-12 (8-9)-20170523	05/26/17
17E0947-10	SB-7 (1-2)-20170523	05/26/17
17E0947-11	SB-7 (8-9)-20170523	05/26/17
BE71423-BLK1	Blank	05/26/17
BE71423-SRM1	Reference	05/26/17

Batch ID: BE71435 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17E0947-01	SB-8 (7.5-8.5)-20170523	05/28/17
17E0947-02	SB-14 (7-8)-20170523	05/28/17
17E0947-03	SB-5 (1-2)-20170523	05/28/17
17E0947-04	SB-5 (11-12)-20170523	05/28/17
17E0947-05	SB-15 (8-9)-20170523	05/28/17
17E0947-06	SB-6 (4-5)-20170523	05/28/17
17E0947-07	SB-6 (8-9)-20170523	05/28/17



17E0947-08	SB-13 (8-9)-20170523	05/28/17
17E0947-10	SB-7 (1-2)-20170523	05/28/17
17E0947-11	SB-7 (8-9)-20170523	05/28/17
BE71435-BLK1	Blank	05/28/17
BE71435-BS1	LCS	05/28/17
BE71435-BSD1	LCS Dup	05/28/17

Batch ID: BE71438 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17E0947-12	MW-1-20170523	05/28/17
17E0947-13	MW-5-20170523	05/28/17
BE71438-BLK1	Blank	05/28/17
BE71438-BS1	LCS	05/28/17
BE71438-BSD1	LCS Dup	05/28/17

Batch ID: BE71463 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17E0947-12	MW-1-20170523	05/30/17
17E0947-13	MW-5-20170523	05/30/17
BE71463-BLK1	Blank	05/30/17
BE71463-SRM1	Reference	05/30/17

Batch ID: BE71470 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17E0947-12	MW-1-20170523	05/30/17
17E0947-13	MW-5-20170523	05/30/17
BE71470-BLK1	Blank	05/30/17
BE71470-SRM1	Reference	05/30/17

Batch ID: BE71481 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17E0947-01	SB-8 (7.5-8.5)-20170523	05/30/17
17E0947-02	SB-14 (7-8)-20170523	05/30/17
17E0947-03	SB-5 (1-2)-20170523	05/30/17
17E0947-04	SB-5 (11-12)-20170523	05/30/17
17E0947-05	SB-15 (8-9)-20170523	05/30/17
17E0947-06	SB-6 (4-5)-20170523	05/30/17
17E0947-07	SB-6 (8-9)-20170523	05/30/17
17E0947-08	SB-13 (8-9)-20170523	05/30/17
17E0947-09	SB-12 (8-9)-20170523	05/30/17
17E0947-10	SB-7 (1-2)-20170523	05/30/17
17E0947-11	SB-7 (8-9)-20170523	05/30/17
BE71481-BLK1	Blank	05/30/17
BE71481-DUP1	Duplicate	05/30/17
BE71481-MS1	Matrix Spike	05/30/17



BE71481-SRM1 Reference 05/30/17

Batch ID: BE71528 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17E0947-09	SB-12 (8-9)-20170523	05/30/17
BE71528-BLK1	Blank	05/31/17
BE71528-BLK2	Blank	05/31/17
BE71528-BS1	LCS	05/31/17
BE71528-BSD1	LCS Dup	05/31/17

Batch ID: BE71533 **Preparation Method:** EPA 3550C **Prepared By:** SGM

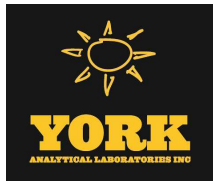
YORK Sample ID	Client Sample ID	Preparation Date
17E0947-01	SB-8 (7.5-8.5)-20170523	05/31/17
17E0947-02	SB-14 (7-8)-20170523	05/31/17
17E0947-03	SB-5 (1-2)-20170523	05/31/17
17E0947-04	SB-5 (11-12)-20170523	05/31/17
17E0947-05	SB-15 (8-9)-20170523	05/31/17
17E0947-06	SB-6 (4-5)-20170523	05/31/17
17E0947-07	SB-6 (8-9)-20170523	05/31/17
17E0947-08	SB-13 (8-9)-20170523	05/31/17
17E0947-09	SB-12 (8-9)-20170523	05/31/17
17E0947-10	SB-7 (1-2)-20170523	05/31/17
17E0947-11	SB-7 (8-9)-20170523	05/31/17
BE71533-BLK1	Blank	05/31/17
BE71533-BS1	LCS	05/31/17
BE71533-MS1	Matrix Spike	05/31/17
BE71533-MSD1	Matrix Spike Dup	05/31/17

Batch ID: BF70108 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17E0947-12	MW-1-20170523	06/02/17
17E0947-13	MW-5-20170523	06/02/17
BF70108-BLK1	Blank	06/02/17
BF70108-SRM1	Reference	06/02/17

Batch ID: BF70109 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17E0947-12	MW-1-20170523	06/02/17
17E0947-13	MW-5-20170523	06/02/17
BF70109-BLK1	Blank	06/02/17
BF70109-DUP1	Duplicate	06/02/17
BF70109-MS1	Matrix Spike	06/02/17



Batch ID: BF70134

Preparation Method: EPA SW846-7470

Prepared By: AA

YORK Sample ID	Client Sample ID	Preparation Date
17E0947-12	MW-1-20170523	06/02/17
17E0947-13	MW-5-20170523	06/02/17
BF70134-BLK1	Blank	06/02/17
BF70134-BS1	LCS	06/02/17
BF70134-BS2	LCS	06/02/17



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
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Batch BE71435 - EPA 5035A

Blank (BE71435-BLK1)

Prepared: 05/28/2017 Analyzed: 05/29/2017

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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
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	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					Limit	

Batch BE71435 - EPA 5035A

Blank (BE71435-BLK1)

Prepared: 05/28/2017 Analyzed: 05/29/2017

n-Butylbenzene	ND	0.0050	mg/kg wet								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	53.3		ug/L	50.0		107		77-125			
<i>Surrogate: Toluene-d8</i>	49.2		"	50.0		98.3		85-120			
<i>Surrogate: p-Bromofluorobenzene</i>	48.2		"	50.0		96.3		76-130			

LCS (BE71435-BS1)

Prepared: 05/28/2017 Analyzed: 05/29/2017

1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102		75-129			
1,1,1-Trichloroethane	53		"	50.0		107		71-137			
1,1,2,2-Tetrachloroethane	57		"	50.0		114		79-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		98.3		58-146			
1,1,2-Trichloroethane	52		"	50.0		105		83-123			
1,1-Dichloroethane	56		"	50.0		111		75-130			
1,1-Dichloroethylene	56		"	50.0		113		64-137			
1,2,3-Trichlorobenzene	53		"	50.0		105		81-140			
1,2,3-Trichloropropane	57		"	50.0		115		81-126			
1,2,4-Trichlorobenzene	50		"	50.0		99.5		80-141			
1,2,4-Trimethylbenzene	50		"	50.0		101		84-125			
1,2-Dibromo-3-chloropropane	57		"	50.0		113		74-142			
1,2-Dibromoethane	52		"	50.0		104		86-123			
1,2-Dichlorobenzene	52		"	50.0		103		85-122			
1,2-Dichloroethane	56		"	50.0		111		71-133			
1,2-Dichloropropane	51		"	50.0		102		81-122			
1,3,5-Trimethylbenzene	50		"	50.0		101		82-126			
1,3-Dichlorobenzene	50		"	50.0		100		84-124			
1,4-Dichlorobenzene	49		"	50.0		98.6		84-124			
1,4-Dioxane	1100		"	1000		109		10-228			
2-Butanone	55		"	50.0		110		58-147			
2-Hexanone	54		"	50.0		108		70-139			
4-Methyl-2-pentanone	53		"	50.0		105		72-132			
Acetone	49		"	50.0		97.5		36-155			
Acrolein	62		"	50.0		125		10-238			
Acrylonitrile	56		"	50.0		112		66-141			
Benzene	53		"	50.0		106		77-127			
Bromochloromethane	56		"	50.0		113		74-129			
Bromodichloromethane	53		"	50.0		106		81-124			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	
		Limit								Units	Level

Batch BE71435 - EPA 5035A

LCS (BE71435-BS1)

Prepared: 05/28/2017 Analyzed: 05/29/2017

Bromoform	54		ug/L	50.0		107	80-136				
Bromomethane	59		"	50.0		118	32-177				
Carbon disulfide	54		"	50.0		107	10-136				
Carbon tetrachloride	53		"	50.0		107	66-143				
Chlorobenzene	52		"	50.0		103	86-120				
Chloroethane	55		"	50.0		110	51-142				
Chloroform	55		"	50.0		110	76-131				
Chloromethane	54		"	50.0		107	49-132				
cis-1,2-Dichloroethylene	53		"	50.0		106	74-132				
cis-1,3-Dichloropropylene	50		"	50.0		101	81-129				
Cyclohexane	51		"	50.0		102	70-130				
Dibromochloromethane	53		"	50.0		105	10-200				
Dibromomethane	51		"	50.0		101	83-124				
Dichlorodifluoromethane	47		"	50.0		93.2	28-158				
Ethyl Benzene	50		"	50.0		100	84-125				
Hexachlorobutadiene	49		"	50.0		97.4	83-133				
Isopropylbenzene	51		"	50.0		101	81-127				
Methyl acetate	53		"	50.0		106	41-143				
Methyl tert-butyl ether (MTBE)	55		"	50.0		109	74-131				
Methylcyclohexane	47		"	50.0		93.9	70-130				
Methylene chloride	50		"	50.0		99.3	57-141				
n-Butylbenzene	51		"	50.0		102	80-130				
n-Propylbenzene	52		"	50.0		104	74-136				
o-Xylene	51		"	50.0		102	83-123				
p- & m- Xylenes	99		"	100		99.1	82-128				
p-Isopropyltoluene	49		"	50.0		98.7	85-125				
sec-Butylbenzene	52		"	50.0		104	83-125				
Styrene	51		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	59		"	50.0		119	70-130				
tert-Butylbenzene	53		"	50.0		105	80-127				
Tetrachloroethylene	51		"	50.0		101	80-129				
Toluene	50		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	55		"	50.0		109	72-132				
trans-1,3-Dichloropropylene	50		"	50.0		101	78-132				
Trichloroethylene	49		"	50.0		98.5	84-123				
Trichlorofluoromethane	54		"	50.0		109	62-140				
Vinyl Chloride	55		"	50.0		110	52-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.7</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>48.2</i>		<i>"</i>	<i>50.0</i>		<i>96.3</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>50.0</i>		<i>"</i>	<i>50.0</i>		<i>100</i>	<i>76-130</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
Batch BE71435 - EPA 5035A										
LCS Dup (BE71435-BSD1)										
Prepared: 05/28/2017 Analyzed: 05/29/2017										
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129		0.490	30
1,1,1-Trichloroethane	52		"	50.0		103	71-137		3.50	30
1,1,2,2-Tetrachloroethane	56		"	50.0		111	79-129		2.77	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		101	58-146		2.25	30
1,1,2-Trichloroethane	52		"	50.0		105	83-123		0.0572	30
1,1-Dichloroethane	56		"	50.0		111	75-130		0.377	30
1,1-Dichloroethylene	55		"	50.0		109	64-137		3.13	30
1,2,3-Trichlorobenzene	52		"	50.0		104	81-140		1.76	30
1,2,3-Trichloropropane	57		"	50.0		114	81-126		0.824	30
1,2,4-Trichlorobenzene	51		"	50.0		102	80-141		2.72	30
1,2,4-Trimethylbenzene	53		"	50.0		105	84-125		4.04	30
1,2-Dibromo-3-chloropropane	55		"	50.0		110	74-142		2.86	30
1,2-Dibromoethane	54		"	50.0		108	86-123		4.06	30
1,2-Dichlorobenzene	53		"	50.0		106	85-122		2.45	30
1,2-Dichloroethane	55		"	50.0		109	71-133		1.74	30
1,2-Dichloropropane	53		"	50.0		105	81-122		3.36	30
1,3,5-Trimethylbenzene	52		"	50.0		104	82-126		2.95	30
1,3-Dichlorobenzene	54		"	50.0		107	84-124		6.70	30
1,4-Dichlorobenzene	51		"	50.0		102	84-124		3.31	30
1,4-Dioxane	1000		"	1000		102	10-228		6.60	30
2-Butanone	51		"	50.0		103	58-147		7.09	30
2-Hexanone	51		"	50.0		101	70-139		6.77	30
4-Methyl-2-pentanone	52		"	50.0		103	72-132		1.86	30
Acetone	46		"	50.0		92.6	36-155		5.11	30
Acrolein	57		"	50.0		114	10-238		8.60	30
Acrylonitrile	53		"	50.0		106	66-141		5.45	30
Benzene	54		"	50.0		109	77-127		2.18	30
Bromochloromethane	56		"	50.0		111	74-129		1.32	30
Bromodichloromethane	54		"	50.0		107	81-124		0.862	30
Bromoform	53		"	50.0		106	80-136		1.60	30
Bromomethane	54		"	50.0		109	32-177		7.70	30
Carbon disulfide	53		"	50.0		106	10-136		0.769	30
Carbon tetrachloride	52		"	50.0		105	66-143		1.91	30
Chlorobenzene	52		"	50.0		105	86-120		1.42	30
Chloroethane	52		"	50.0		104	51-142		5.26	30
Chloroform	54		"	50.0		109	76-131		1.02	30
Chloromethane	52		"	50.0		104	49-132		3.32	30
cis-1,2-Dichloroethylene	53		"	50.0		106	74-132		0.661	30
cis-1,3-Dichloropropylene	50		"	50.0		100	81-129		0.318	30
Cyclohexane	52		"	50.0		103	70-130		1.40	30
Dibromochloromethane	54		"	50.0		108	10-200		2.85	30
Dibromomethane	50		"	50.0		100	83-124		1.09	30
Dichlorodifluoromethane	47		"	50.0		93.2	28-158		0.00	30
Ethyl Benzene	52		"	50.0		104	84-125		3.40	30
Hexachlorobutadiene	49		"	50.0		97.7	83-133		0.226	30
Isopropylbenzene	52		"	50.0		103	81-127		2.15	30
Methyl acetate	52		"	50.0		104	41-143		2.38	30
Methyl tert-butyl ether (MTBE)	53		"	50.0		105	74-131		3.64	30
Methylcyclohexane	49		"	50.0		98.0	70-130		4.29	30
Methylene chloride	49		"	50.0		98.5	57-141		0.748	30
n-Butylbenzene	53		"	50.0		106	80-130		4.37	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit			Result					RPD	Limit
Batch BE71435 - EPA 5035A											
LCS Dup (BE71435-BSD1)											
Prepared: 05/28/2017 Analyzed: 05/29/2017											
n-Propylbenzene	53		ug/L	50.0		105	74-136			1.30	30
o-Xylene	52		"	50.0		104	83-123			1.86	30
p- & m- Xylenes	100		"	100		104	82-128			4.35	30
p-Isopropyltoluene	52		"	50.0		104	85-125			5.05	30
sec-Butylbenzene	53		"	50.0		105	83-125			1.07	30
Styrene	51		"	50.0		103	86-126			1.43	30
tert-Butyl alcohol (TBA)	51		"	50.0		102	70-130			15.4	30
tert-Butylbenzene	54		"	50.0		108	80-127			2.94	30
Tetrachloroethylene	50		"	50.0		101	80-129			0.238	30
Toluene	52		"	50.0		104	85-121			2.72	30
trans-1,2-Dichloroethylene	54		"	50.0		108	72-132			0.976	30
trans-1,3-Dichloropropylene	52		"	50.0		104	78-132			3.21	30
Trichloroethylene	50		"	50.0		100	84-123			1.91	30
Trichlorofluoromethane	53		"	50.0		106	62-140			2.40	30
Vinyl Chloride	53		"	50.0		105	52-130			4.13	30
Surrogate: 1,2-Dichloroethane-d4	50.7		"	50.0		101	77-125				
Surrogate: Toluene-d8	49.2		"	50.0		98.4	85-120				
Surrogate: p-Bromofluorobenzene	49.5		"	50.0		98.9	76-130				

Batch BE71438 - EPA 5030B

Blank (BE71438-BLK1)											
Prepared & Analyzed: 05/28/2017											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.42	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit								Limit			

Batch BE71438 - EPA 5030B

Blank (BE71438-BLK1)

Prepared & Analyzed: 05/28/2017

Bromoform	ND	0.50	ug/L										
Bromomethane	ND	0.50	"										
Carbon disulfide	ND	0.50	"										
Carbon tetrachloride	ND	0.50	"										
Chlorobenzene	ND	0.50	"										
Chloroethane	ND	0.50	"										
Chloroform	ND	0.50	"										
Chloromethane	ND	0.50	"										
cis-1,2-Dichloroethylene	ND	0.50	"										
cis-1,3-Dichloropropylene	ND	0.50	"										
Cyclohexane	ND	0.50	"										
Dibromochloromethane	ND	0.50	"										
Dibromomethane	ND	0.50	"										
Dichlorodifluoromethane	ND	0.50	"										
Ethyl Benzene	ND	0.50	"										
Hexachlorobutadiene	ND	0.50	"										
Isopropylbenzene	ND	0.50	"										
Methyl acetate	ND	0.50	"										
Methyl tert-butyl ether (MTBE)	ND	0.50	"										
Methylcyclohexane	ND	0.50	"										
Methylene chloride	ND	2.0	"										
n-Butylbenzene	ND	0.50	"										
n-Propylbenzene	ND	0.50	"										
o-Xylene	ND	0.50	"										
p- & m- Xylenes	ND	1.0	"										
p-Isopropyltoluene	ND	0.50	"										
sec-Butylbenzene	ND	0.50	"										
Styrene	ND	0.50	"										
tert-Butyl alcohol (TBA)	ND	1.0	"										
tert-Butylbenzene	ND	0.50	"										
Tetrachloroethylene	ND	0.50	"										
Toluene	ND	0.50	"										
trans-1,2-Dichloroethylene	ND	0.50	"										
trans-1,3-Dichloropropylene	ND	0.50	"										
Trichloroethylene	ND	0.50	"										
Trichlorofluoromethane	ND	0.50	"										
Vinyl Chloride	ND	0.50	"										
Xylenes, Total	ND	1.5	"										

Surrogate: 1,2-Dichloroethane-d4	9.89	"	10.0	98.9	69-130
Surrogate: Toluene-d8	10.3	"	10.0	103	81-117
Surrogate: p-Bromofluorobenzene	11.1	"	10.0	111	79-122



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source*		%REC Limits	Flag	RPD	
		Limit	Units		Result	%REC			RPD	Limit
Batch BE71438 - EPA 5030B										
LCS (BE71438-BS1)										
Prepared & Analyzed: 05/28/2017										
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		105	82-126			
1,1,1-Trichloroethane	9.6		"	10.0		95.6	78-136			
1,1,2,2-Tetrachloroethane	10		"	10.0		104	76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.7		"	10.0		97.1	54-165			
1,1,2-Trichloroethane	10		"	10.0		100	82-123			
1,1-Dichloroethane	10		"	10.0		102	82-129			
1,1-Dichloroethylene	10		"	10.0		99.8	68-138			
1,2,3-Trichlorobenzene	12		"	10.0		123	76-136			
1,2,3-Trichloropropane	11		"	10.0		106	77-128			
1,2,4-Trichlorobenzene	9.5		"	10.0		94.8	76-137			
1,2,4-Trimethylbenzene	11		"	10.0		110	82-132			
1,2-Dibromo-3-chloropropane	9.0		"	10.0		90.3	45-147			
1,2-Dibromoethane	11		"	10.0		108	83-124			
1,2-Dichlorobenzene	11		"	10.0		108	79-123			
1,2-Dichloroethane	9.9		"	10.0		99.1	73-132			
1,2-Dichloropropane	11		"	10.0		107	78-126			
1,3,5-Trimethylbenzene	11		"	10.0		108	80-131			
1,3-Dichlorobenzene	11		"	10.0		115	86-122			
1,4-Dichlorobenzene	11		"	10.0		113	85-124			
1,4-Dioxane	220		"	200		112	10-349			
2-Butanone	9.3		"	10.0		93.2	49-152			
2-Hexanone	9.1		"	10.0		90.6	51-146			
4-Methyl-2-pentanone	9.5		"	10.0		94.6	57-145			
Acetone	3.6		"	10.0		36.5	14-150			
Acrolein	0.79		"	10.0		7.90	10-153	Low Bias		
Acrylonitrile	9.2		"	10.0		91.5	51-150			
Benzene	11		"	10.0		108	85-126			
Bromochloromethane	10		"	10.0		102	77-128			
Bromodichloromethane	9.6		"	10.0		95.6	79-128			
Bromoform	10		"	10.0		101	78-133			
Bromomethane	2.6		"	10.0		25.7	43-168	Low Bias		
Carbon disulfide	11		"	10.0		112	68-146			
Carbon tetrachloride	10		"	10.0		102	77-141			
Chlorobenzene	11		"	10.0		111	88-120			
Chloroethane	9.1		"	10.0		90.7	65-136			
Chloroform	10		"	10.0		100	82-128			
Chloromethane	2.8		"	10.0		28.3	43-155	Low Bias		
cis-1,2-Dichloroethylene	11		"	10.0		110	83-129			
cis-1,3-Dichloropropylene	10		"	10.0		104	80-131			
Cyclohexane	10		"	10.0		103	63-149			
Dibromochloromethane	9.9		"	10.0		98.7	80-130			
Dibromomethane	11		"	10.0		106	72-134			
Dichlorodifluoromethane	13		"	10.0		134	44-144			
Ethyl Benzene	11		"	10.0		109	80-131			
Hexachlorobutadiene	7.8		"	10.0		77.8	67-146			
Isopropylbenzene	12		"	10.0		122	76-140			
Methyl acetate	8.5		"	10.0		84.9	51-139			
Methyl tert-butyl ether (MTBE)	10		"	10.0		104	76-135			
Methylcyclohexane	11		"	10.0		106	72-143			
Methylene chloride	10		"	10.0		102	55-137			
n-Butylbenzene	10		"	10.0		102	79-132			



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 BE71438 - EPA 5030B											
LCS (BE71438-BS1)											
Prepared & Analyzed: 05/28/2017											
n-Propylbenzene	12		ug/L	10.0		124	78-133				
o-Xylene	11		"	10.0		111	78-130				
p- & m- Xylenes	20		"	20.0		102	77-133				
p-Isopropyltoluene	11		"	10.0		109	81-136				
sec-Butylbenzene	12		"	10.0		121	79-137				
Styrene	10		"	10.0		99.8	67-132				
tert-Butyl alcohol (TBA)	11		"	10.0		107	25-162				
tert-Butylbenzene	12		"	10.0		116	77-138				
Tetrachloroethylene	11		"	10.0		105	82-131				
Toluene	11		"	10.0		110	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		100	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		101	78-131				
Trichloroethylene	11		"	10.0		112	82-128				
Trichlorofluoromethane	10		"	10.0		100	67-139				
Vinyl Chloride	7.0		"	10.0		70.1	58-145				
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	69-130				
Surrogate: Toluene-d8	10.3		"	10.0		103	81-117				
Surrogate: p-Bromofluorobenzene	10.7		"	10.0		107	79-122				
LCS Dup (BE71438-BSD1)											
Prepared & Analyzed: 05/28/2017											
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		109	82-126		3.36	30	
1,1,1-Trichloroethane	9.4		"	10.0		93.6	78-136		2.11	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		106	76-129		2.01	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.1		"	10.0		90.6	54-165		6.93	30	
1,1,2-Trichloroethane	11		"	10.0		106	82-123		6.10	30	
1,1-Dichloroethane	9.7		"	10.0		96.7	82-129		5.43	30	
1,1-Dichloroethylene	10		"	10.0		101	68-138		0.997	30	
1,2,3-Trichlorobenzene	16		"	10.0		159	76-136	High Bias	25.8	30	
1,2,3-Trichloropropane	11		"	10.0		110	77-128		3.53	30	
1,2,4-Trichlorobenzene	11		"	10.0		108	76-137		12.6	30	
1,2,4-Trimethylbenzene	11		"	10.0		107	82-132		3.22	30	
1,2-Dibromo-3-chloropropane	9.7		"	10.0		96.8	45-147		6.95	30	
1,2-Dibromoethane	11		"	10.0		112	83-124		4.27	30	
1,2-Dichlorobenzene	11		"	10.0		110	79-123		2.29	30	
1,2-Dichloroethane	10		"	10.0		102	73-132		2.69	30	
1,2-Dichloropropane	11		"	10.0		113	78-126		5.00	30	
1,3,5-Trimethylbenzene	11		"	10.0		107	80-131		0.650	30	
1,3-Dichlorobenzene	11		"	10.0		115	86-122		0.174	30	
1,4-Dichlorobenzene	11		"	10.0		112	85-124		0.356	30	
1,4-Dioxane	97		"	200		48.6	10-349		79.0	30	Non-dir.
2-Butanone	10		"	10.0		102	49-152		9.41	30	
2-Hexanone	9.4		"	10.0		94.5	51-146		4.21	30	
4-Methyl-2-pentanone	10		"	10.0		103	57-145		8.50	30	
Acetone	4.5		"	10.0		44.7	14-150		20.2	30	
Acrolein	1.1		"	10.0		10.8	10-153		31.0	30	Non-dir.
Acrylonitrile	10		"	10.0		102	51-150		10.5	30	
Benzene	11		"	10.0		109	85-126		1.20	30	
Bromochloromethane	10		"	10.0		100	77-128		0.990	30	
Bromodichloromethane	10		"	10.0		100	79-128		4.70	30	
Bromoform	10		"	10.0		104	78-133		3.01	30	
Bromomethane	3.4		"	10.0		34.2	43-168	Low Bias	28.4	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
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Batch BE71438 - EPA 5030B

LCS Dup (BE71438-BSD1)

Prepared & Analyzed: 05/28/2017

Carbon disulfide	11		ug/L	10.0		106	68-146		5.87	30	
Carbon tetrachloride	9.2		"	10.0		92.2	77-141		9.60	30	
Chlorobenzene	11		"	10.0		113	88-120		1.43	30	
Chloroethane	8.2		"	10.0		81.5	65-136		10.7	30	
Chloroform	10		"	10.0		102	82-128		1.48	30	
Chloromethane	3.9		"	10.0		39.2	43-155	Low Bias	32.3	30	Non-dir.
cis-1,2-Dichloroethylene	11		"	10.0		108	83-129		2.02	30	
cis-1,3-Dichloropropylene	11		"	10.0		106	80-131		2.76	30	
Cyclohexane	9.8		"	10.0		98.3	63-149		4.96	30	
Dibromochloromethane	11		"	10.0		107	80-130		7.70	30	
Dibromomethane	11		"	10.0		111	72-134		4.15	30	
Dichlorodifluoromethane	12		"	10.0		117	44-144		13.5	30	
Ethyl Benzene	11		"	10.0		111	80-131		1.91	30	
Hexachlorobutadiene	8.6		"	10.0		85.5	67-146		9.43	30	
Isopropylbenzene	12		"	10.0		117	76-140		3.60	30	
Methyl acetate	11		"	10.0		106	51-139		21.6	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		106	76-135		1.99	30	
Methylcyclohexane	10		"	10.0		102	72-143		4.13	30	
Methylene chloride	10		"	10.0		104	55-137		1.84	30	
n-Butylbenzene	9.9		"	10.0		99.1	79-132		3.18	30	
n-Propylbenzene	12		"	10.0		118	78-133		4.89	30	
o-Xylene	11		"	10.0		114	78-130		2.67	30	
p- & m- Xylenes	21		"	20.0		103	77-133		0.924	30	
p-Isopropyltoluene	11		"	10.0		106	81-136		2.88	30	
sec-Butylbenzene	11		"	10.0		114	79-137		5.27	30	
Styrene	10		"	10.0		104	67-132		4.12	30	
tert-Butyl alcohol (TBA)	8.4		"	10.0		84.2	25-162		24.1	30	
tert-Butylbenzene	11		"	10.0		114	77-138		2.00	30	
Tetrachloroethylene	10		"	10.0		104	82-131		0.858	30	
Toluene	11		"	10.0		112	80-127		2.43	30	
trans-1,2-Dichloroethylene	11		"	10.0		105	80-132		4.67	30	
trans-1,3-Dichloropropylene	10		"	10.0		102	78-131		1.68	30	
Trichloroethylene	11		"	10.0		108	82-128		3.73	30	
Trichlorofluoromethane	9.8		"	10.0		97.7	67-139		2.53	30	
Vinyl Chloride	6.7		"	10.0		66.8	58-145		4.82	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

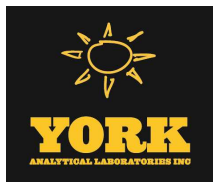
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE71528 - EPA 5035A

Blank (BE71528-BLK1)

Prepared & Analyzed: 05/31/2017

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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
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	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit								RPD			

Batch BE71528 - EPA 5035A

Blank (BE71528-BLK1)

Prepared & Analyzed: 05/31/2017

n-Propylbenzene	ND	0.0050	mg/kg wet										
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 Chloride	ND	0.0050	"										
Xylenes, Total	ND	0.015	"										

<i>Surrogate: 1,2-Dichloroethane-d4</i>	52.8		ug/L	50.0	106	77-125							
<i>Surrogate: Toluene-d8</i>	50.2		"	50.0	100	85-120							
<i>Surrogate: p-Bromofluorobenzene</i>	46.4		"	50.0	92.8	76-130							

Blank (BE71528-BLK2)

Prepared & Analyzed: 05/31/2017

1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet										
1,1,1-Trichloroethane	ND	0.50	"										
1,1,2,2-Tetrachloroethane	ND	0.50	"										
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"										
1,1,2-Trichloroethane	ND	0.50	"										
1,1-Dichloroethane	ND	0.50	"										
1,1-Dichloroethylene	ND	0.50	"										
1,2,3-Trichlorobenzene	ND	0.50	"										
1,2,3-Trichloropropane	ND	0.50	"										
1,2,4-Trichlorobenzene	ND	0.50	"										
1,2,4-Trimethylbenzene	ND	0.50	"										
1,2-Dibromo-3-chloropropane	ND	0.50	"										
1,2-Dibromoethane	ND	0.50	"										
1,2-Dichlorobenzene	ND	0.50	"										
1,2-Dichloroethane	ND	0.50	"										
1,2-Dichloropropane	ND	0.50	"										
1,3,5-Trimethylbenzene	ND	0.50	"										
1,3-Dichlorobenzene	ND	0.50	"										
1,4-Dichlorobenzene	ND	0.50	"										
1,4-Dioxane	ND	10	"										
2-Butanone	ND	0.50	"										
2-Hexanone	ND	0.50	"										
4-Methyl-2-pentanone	ND	0.50	"										
Acetone	0.71	1.0	"										
Acrolein	ND	1.0	"										
Acrylonitrile	ND	0.50	"										
Benzene	ND	0.50	"										
Bromochloromethane	ND	0.50	"										
Bromodichloromethane	ND	0.50	"										
Bromoform	ND	0.50	"										



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
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Batch BE71528 - EPA 5035A

Blank (BE71528-BLK2)

Prepared & Analyzed: 05/31/2017

Bromomethane	ND	0.50	mg/kg wet								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	0.58	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	53.8		ug/L	50.0		108	77-125				
<i>Surrogate: Toluene-d8</i>	49.4		"	50.0		98.9	85-120				
<i>Surrogate: p-Bromofluorobenzene</i>	46.5		"	50.0		92.9	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike	Source*		%REC	Limits	Flag	RPD	
		Limit	Units		Level	Result				%REC	RPD

Batch BE71528 - EPA 5035A

LCS (BE71528-BS1)

Prepared & Analyzed: 05/31/2017

1,1,1,2-Tetrachloroethane	53		ug/L	50.0		105	75-129				
1,1,1-Trichloroethane	60		"	50.0		119	71-137				
1,1,2,2-Tetrachloroethane	48		"	50.0		95.3	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		92.5	58-146				
1,1,2-Trichloroethane	52		"	50.0		104	83-123				
1,1-Dichloroethane	55		"	50.0		110	75-130				
1,1-Dichloroethylene	50		"	50.0		99.1	64-137				
1,2,3-Trichlorobenzene	53		"	50.0		105	81-140				
1,2,3-Trichloropropane	48		"	50.0		96.6	81-126				
1,2,4-Trichlorobenzene	53		"	50.0		105	80-141				
1,2,4-Trimethylbenzene	47		"	50.0		93.5	84-125				
1,2-Dibromo-3-chloropropane	46		"	50.0		92.4	74-142				
1,2-Dibromoethane	54		"	50.0		107	86-123				
1,2-Dichlorobenzene	50		"	50.0		101	85-122				
1,2-Dichloroethane	56		"	50.0		112	71-133				
1,2-Dichloropropane	46		"	50.0		92.7	81-122				
1,3,5-Trimethylbenzene	47		"	50.0		94.3	82-126				
1,3-Dichlorobenzene	49		"	50.0		98.2	84-124				
1,4-Dichlorobenzene	50		"	50.0		101	84-124				
1,4-Dioxane	1200		"	1000		122	10-228				
2-Butanone	45		"	50.0		90.7	58-147				
2-Hexanone	44		"	50.0		87.5	70-139				
4-Methyl-2-pentanone	44		"	50.0		89.0	72-132				
Acetone	31		"	50.0		62.8	36-155				
Acrolein	29		"	50.0		58.4	10-238				
Acrylonitrile	55		"	50.0		110	66-141				
Benzene	58		"	50.0		115	77-127				
Bromochloromethane	55		"	50.0		109	74-129				
Bromodichloromethane	51		"	50.0		102	81-124				
Bromoform	53		"	50.0		106	80-136				
Bromomethane	42		"	50.0		83.7	32-177				
Carbon disulfide	40		"	50.0		80.2	10-136				
Carbon tetrachloride	59		"	50.0		118	66-143				
Chlorobenzene	52		"	50.0		104	86-120				
Chloroethane	41		"	50.0		82.8	51-142				
Chloroform	59		"	50.0		118	76-131				
Chloromethane	41		"	50.0		82.4	49-132				
cis-1,2-Dichloroethylene	62		"	50.0		124	74-132				
cis-1,3-Dichloropropylene	50		"	50.0		99.4	81-129				
Cyclohexane	49		"	50.0		98.8	70-130				
Dibromochloromethane	53		"	50.0		106	10-200				
Dibromomethane	54		"	50.0		108	83-124				
Dichlorodifluoromethane	61		"	50.0		122	28-158				
Ethyl Benzene	51		"	50.0		102	84-125				
Hexachlorobutadiene	51		"	50.0		103	83-133				
Isopropylbenzene	47		"	50.0		94.8	81-127				
Methyl acetate	38		"	50.0		75.2	41-143				
Methyl tert-butyl ether (MTBE)	56		"	50.0		112	74-131				
Methylcyclohexane	47		"	50.0		94.2	70-130				
Methylene chloride	33		"	50.0		66.5	57-141				
n-Butylbenzene	46		"	50.0		91.6	80-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit	Units							Level	Result
Batch BE71528 - EPA 5035A											
LCS (BE71528-BS1)											
Prepared & Analyzed: 05/31/2017											
n-Propylbenzene	46		ug/L	50.0		91.8		74-136			
o-Xylene	51		"	50.0		102		83-123			
p- & m- Xylenes	97		"	100		97.4		82-128			
p-Isopropyltoluene	46		"	50.0		92.2		85-125			
sec-Butylbenzene	48		"	50.0		95.2		83-125			
Styrene	51		"	50.0		101		86-126			
tert-Butyl alcohol (TBA)	52		"	50.0		104		70-130			
tert-Butylbenzene	48		"	50.0		95.7		80-127			
Tetrachloroethylene	55		"	50.0		110		80-129			
Toluene	51		"	50.0		103		85-121			
trans-1,2-Dichloroethylene	54		"	50.0		108		72-132			
trans-1,3-Dichloropropylene	51		"	50.0		101		78-132			
Trichloroethylene	52		"	50.0		104		84-123			
Trichlorofluoromethane	58		"	50.0		116		62-140			
Vinyl Chloride	40		"	50.0		80.4		52-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.6</i>		<i>"</i>	<i>50.0</i>		<i>99.1</i>		<i>77-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.5</i>		<i>"</i>	<i>50.0</i>		<i>99.1</i>		<i>85-120</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.1</i>		<i>"</i>	<i>50.0</i>		<i>102</i>		<i>76-130</i>			
LCS Dup (BE71528-BSD1)											
Prepared & Analyzed: 05/31/2017											
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		108		75-129		2.96	30
1,1,1-Trichloroethane	59		"	50.0		119		71-137		0.655	30
1,1,2,2-Tetrachloroethane	48		"	50.0		95.3		79-129		0.0420	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		93.7		58-146		1.31	30
1,1,2-Trichloroethane	53		"	50.0		106		83-123		2.03	30
1,1-Dichloroethane	55		"	50.0		110		75-130		0.0365	30
1,1-Dichloroethylene	50		"	50.0		99.5		64-137		0.403	30
1,2,3-Trichlorobenzene	54		"	50.0		107		81-140		1.51	30
1,2,3-Trichloropropane	47		"	50.0		94.4		81-126		2.30	30
1,2,4-Trichlorobenzene	52		"	50.0		104		80-141		0.974	30
1,2,4-Trimethylbenzene	47		"	50.0		93.6		84-125		0.107	30
1,2-Dibromo-3-chloropropane	45		"	50.0		89.1		74-142		3.68	30
1,2-Dibromoethane	54		"	50.0		109		86-123		1.65	30
1,2-Dichlorobenzene	51		"	50.0		103		85-122		2.14	30
1,2-Dichloroethane	56		"	50.0		113		71-133		0.0888	30
1,2-Dichloropropane	48		"	50.0		95.4		81-122		2.89	30
1,3,5-Trimethylbenzene	47		"	50.0		94.1		82-126		0.191	30
1,3-Dichlorobenzene	50		"	50.0		99.6		84-124		1.36	30
1,4-Dichlorobenzene	51		"	50.0		102		84-124		1.44	30
1,4-Dioxane	1100		"	1000		114		10-228		6.47	30
2-Butanone	46		"	50.0		92.1		58-147		1.60	30
2-Hexanone	44		"	50.0		88.2		70-139		0.842	30
4-Methyl-2-pentanone	45		"	50.0		89.6		72-132		0.650	30
Acetone	30		"	50.0		59.5		36-155		5.39	30
Acrolein	30		"	50.0		60.6		10-238		3.73	30
Acrylonitrile	54		"	50.0		108		66-141		2.37	30
Benzene	58		"	50.0		117		77-127		1.05	30
Bromochloromethane	57		"	50.0		113		74-129		3.68	30
Bromodichloromethane	52		"	50.0		105		81-124		2.93	30
Bromoform	52		"	50.0		105		80-136		0.819	30
Bromomethane	43		"	50.0		85.5		32-177		2.10	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

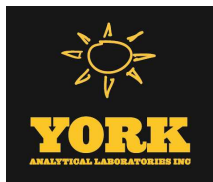
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE71528 - EPA 5035A

LCS Dup (BE71528-BSD1)

Prepared & Analyzed: 05/31/2017

Carbon disulfide	41		ug/L	50.0		81.7	10-136		1.80	30	
Carbon tetrachloride	59		"	50.0		119	66-143		0.507	30	
Chlorobenzene	54		"	50.0		107	86-120		3.05	30	
Chloroethane	43		"	50.0		85.3	51-142		2.95	30	
Chloroform	60		"	50.0		119	76-131		1.42	30	
Chloromethane	42		"	50.0		83.5	49-132		1.28	30	
cis-1,2-Dichloroethylene	63		"	50.0		126	74-132		1.84	30	
cis-1,3-Dichloropropylene	50		"	50.0		101	81-129		1.16	30	
Cyclohexane	49		"	50.0		98.6	70-130		0.142	30	
Dibromochloromethane	56		"	50.0		112	10-200		5.77	30	
Dibromomethane	54		"	50.0		108	83-124		0.704	30	
Dichlorodifluoromethane	61		"	50.0		123	28-158		0.392	30	
Ethyl Benzene	52		"	50.0		104	84-125		1.98	30	
Hexachlorobutadiene	52		"	50.0		104	83-133		0.948	30	
Isopropylbenzene	48		"	50.0		95.7	81-127		0.966	30	
Methyl acetate	39		"	50.0		78.1	41-143		3.81	30	
Methyl tert-butyl ether (MTBE)	58		"	50.0		115	74-131		2.92	30	
Methylcyclohexane	49		"	50.0		98.5	70-130		4.44	30	
Methylene chloride	35		"	50.0		70.9	57-141		6.40	30	
n-Butylbenzene	45		"	50.0		90.2	80-130		1.52	30	
n-Propylbenzene	46		"	50.0		92.8	74-136		1.15	30	
o-Xylene	53		"	50.0		106	83-123		3.59	30	
p- & m- Xylenes	100		"	100		102	82-128		4.37	30	
p-Isopropyltoluene	47		"	50.0		93.8	85-125		1.70	30	
sec-Butylbenzene	47		"	50.0		95.0	83-125		0.189	30	
Styrene	52		"	50.0		105	86-126		3.19	30	
tert-Butyl alcohol (TBA)	54		"	50.0		109	70-130		4.98	30	
tert-Butylbenzene	48		"	50.0		96.6	80-127		0.977	30	
Tetrachloroethylene	56		"	50.0		112	80-129		1.35	30	
Toluene	54		"	50.0		107	85-121		4.23	30	
trans-1,2-Dichloroethylene	54		"	50.0		109	72-132		0.664	30	
trans-1,3-Dichloropropylene	51		"	50.0		103	78-132		1.43	30	
Trichloroethylene	54		"	50.0		107	84-123		3.03	30	
Trichlorofluoromethane	58		"	50.0		116	62-140		0.0519	30	
Vinyl Chloride	42		"	50.0		83.6	52-130		3.83	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.0</i>		<i>"</i>	<i>50.0</i>		<i>98.0</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>48.7</i>		<i>"</i>	<i>50.0</i>		<i>97.4</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>50.3</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>76-130</i>				



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
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Batch BE71294 - EPA 3510C

Blank (BE71294-BLK1)

Prepared: 05/25/2017 Analyzed: 05/30/2017

1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	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	"								
1,2,4-Trichlorobenzene	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	"								
1,2-Dichlorobenzene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
1,4-Dichlorobenzene	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	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
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	"								
Benzoic acid	ND	50.0	"								
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	"								
Bis(2-ethylhexyl)phthalate	0.590	0.500	"								



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
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Batch BE71294 - EPA 3510C

Blank (BE71294-BLK1)

Prepared: 05/25/2017 Analyzed: 05/30/2017

Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Hexachlorobutadiene	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
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	"								
Naphthalene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: 2-Fluorophenol	26.4		"	78.0		33.8	12-64				
Surrogate: Phenol-d5	15.6		"	76.8		20.4	10-82				
Surrogate: Nitrobenzene-d5	44.5		"	57.4		77.5	12-96				
Surrogate: 2-Fluorobiphenyl	41.7		"	51.2		81.4	16-84				
Surrogate: 2,4,6-Tribromophenol	100		"	78.2		128	15-104				
Surrogate: Terphenyl-d14	35.4		"	50.2		70.5	15-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					Limit	

Batch BE71294 - EPA 3510C

Blank (BE71294-BLK2)

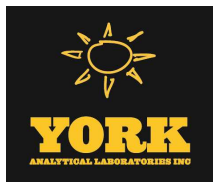
Prepared: 05/25/2017 Analyzed: 05/28/2017

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	0.750	0.500	"
Hexachlorobutadiene	ND	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Naphthalene	ND	0.0500	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Pyrene	ND	0.0500	"

LCS (BE71294-BS1)

Prepared: 05/25/2017 Analyzed: 05/30/2017

1,1-Biphenyl	19.1	5.00	ug/L	25.0	76.5	21-102
1,2,4,5-Tetrachlorobenzene	17.9	5.00	"	25.0	71.8	28-105
1,2-Diphenylhydrazine (as Azobenzene)	17.5	5.00	"	25.0	70.1	16-137
2,3,4,6-Tetrachlorophenol	54.1	5.00	"	25.0	216	30-130 High Bias
2,4,5-Trichlorophenol	26.0	5.00	"	25.0	104	36-112
2,4,6-Trichlorophenol	21.7	5.00	"	25.0	87.0	41-107
1,2,4-Trichlorobenzene	19.4	5.00	"	25.0	77.6	35-91
2,4-Dichlorophenol	19.5	5.00	"	25.0	77.9	43-92
2,4-Dimethylphenol	16.6	5.00	"	25.0	66.4	25-92
2,4-Dinitrophenol	21.1	5.00	"	25.0	84.6	10-149
2,4-Dinitrotoluene	22.8	5.00	"	25.0	91.3	41-114
1,2-Dichlorobenzene	17.1	5.00	"	25.0	68.5	42-85
2,6-Dinitrotoluene	21.4	5.00	"	25.0	85.5	49-106
2-Chloronaphthalene	17.6	5.00	"	25.0	70.5	40-96
2-Chlorophenol	16.9	5.00	"	25.0	67.5	35-84
2-Methylnaphthalene	20.5	5.00	"	25.0	81.9	33-101
1,3-Dichlorobenzene	17.2	5.00	"	25.0	68.8	45-80
2-Methylphenol	12.8	5.00	"	25.0	51.3	10-90
2-Nitroaniline	21.7	5.00	"	25.0	86.6	31-122
1,4-Dichlorobenzene	15.7	5.00	"	25.0	62.9	42-82
2-Nitrophenol	23.1	5.00	"	25.0	92.5	37-97
3- & 4-Methylphenols	10.5	5.00	"	25.0	41.9	10-101
3,3-Dichlorobenzidine	15.5	5.00	"	25.0	61.8	25-155
3-Nitroaniline	21.7	5.00	"	25.0	86.6	29-128
4,6-Dinitro-2-methylphenol	32.0	5.00	"	25.0	128	10-135



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 BE71294 - EPA 3510C											
Prepared: 05/25/2017 Analyzed: 05/30/2017											
LCS (BE71294-BS1)											
4-Bromophenyl phenyl ether	18.1	5.00	ug/L	25.0		72.3	38-116				
4-Chloro-3-methylphenol	19.8	5.00	"	25.0		79.1	28-101				
4-Chloroaniline	28.1	5.00	"	25.0		113	10-154				
4-Chlorophenyl phenyl ether	19.2	5.00	"	25.0		77.0	34-112				
4-Nitroaniline	15.9	5.00	"	25.0		63.6	15-143				
4-Nitrophenol	8.21	5.00	"	25.0		32.8	10-112				
Acenaphthene	20.6	0.0500	"	25.0		82.3	24-114				
Acenaphthylene	18.4	0.0500	"	25.0		73.5	26-112				
Acetophenone	16.8	5.00	"	25.0		67.4	47-92				
Aniline	13.9	5.00	"	25.0		55.8	10-107				
Anthracene	19.0	0.0500	"	25.0		75.8	35-114				
Atrazine	37.2	0.500	"	25.0		149	43-101	High Bias			
Benzaldehyde	16.0	5.00	"	25.0		64.1	17-117				
Benzo(a)anthracene	18.8	0.0500	"	25.0		75.2	38-127				
Benzo(a)pyrene	20.5	0.0500	"	25.0		82.0	30-146				
Benzo(b)fluoranthene	19.1	0.0500	"	25.0		76.6	36-145				
Benzo(g,h,i)perylene	19.8	0.0500	"	25.0		79.0	10-163				
Benzo(k)fluoranthene	21.9	0.0500	"	25.0		87.5	16-149				
Benzoic acid	ND	50.0	"	25.0			30-130	Low Bias			
Benzyl alcohol	11.2	5.00	"	25.0		44.6	18-75				
Benzyl butyl phthalate	18.6	5.00	"	25.0		74.2	28-129				
Bis(2-chloroethoxy)methane	19.2	5.00	"	25.0		76.9	27-112				
Bis(2-chloroethyl)ether	14.5	5.00	"	25.0		58.0	24-114				
Bis(2-chloroisopropyl)ether	16.7	5.00	"	25.0		66.7	21-124				
Bis(2-ethylhexyl)phthalate	19.0	0.500	"	25.0		76.0	10-171				
Caprolactam	3.67	5.00	"	25.0		14.7	10-29				
Carbazole	46.6	5.00	"	25.0		187	49-116	High Bias			
Hexachlorobutadiene	21.1	0.500	"	25.0		84.6	25-106				
Chrysene	18.7	0.0500	"	25.0		74.6	33-120				
Dibenzo(a,h)anthracene	19.1	0.0500	"	25.0		76.4	10-149				
Dibenzofuran	20.0	5.00	"	25.0		79.9	42-105				
Diethyl phthalate	19.8	5.00	"	25.0		79.2	38-112				
Dimethyl phthalate	19.6	5.00	"	25.0		78.3	49-106				
Di-n-butyl phthalate	19.6	5.00	"	25.0		78.6	36-110				
Di-n-octyl phthalate	19.9	5.00	"	25.0		79.7	12-149				
Naphthalene	19.3	0.0500	"	25.0		77.0	30-99				
Fluoranthene	20.8	0.0500	"	25.0		83.3	33-126				
Fluorene	20.0	0.0500	"	25.0		80.0	28-117				
Hexachlorobenzene	19.2	0.0200	"	25.0		76.7	27-120				
Hexachlorocyclopentadiene	10.4	5.00	"	25.0		41.4	10-99				
Hexachloroethane	18.0	0.500	"	25.0		71.8	33-84				
Indeno(1,2,3-cd)pyrene	18.8	0.0500	"	25.0		75.1	10-150				
Isophorone	18.2	5.00	"	25.0		72.6	29-115				
Nitrobenzene	17.9	0.250	"	25.0		71.7	32-113				
N-Nitrosodimethylamine	6.33	0.500	"	25.0		25.3	10-63				
N-nitroso-di-n-propylamine	15.8	5.00	"	25.0		63.3	36-118				
N-Nitrosodiphenylamine	23.1	5.00	"	25.0		92.6	27-145				
Pentachlorophenol	20.5	0.250	"	25.0		82.1	19-127				
Phenanthrene	20.2	0.0500	"	25.0		80.8	31-112				
Phenol	6.17	5.00	"	25.0		24.7	10-37				
Pyrene	19.5	0.0500	"	25.0		78.1	42-125				



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
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Batch BE71294 - EPA 3510C

LCS (BE71294-BS1)

Prepared: 05/25/2017 Analyzed: 05/30/2017

Surrogate: 2-Fluorophenol	26.9		ug/L	78.0		34.5	12-64				
Surrogate: Phenol-d5	16.3		"	76.8		21.3	10-82				
Surrogate: Nitrobenzene-d5	41.1		"	57.4		71.6	12-96				
Surrogate: 2-Fluorobiphenyl	39.1		"	51.2		76.4	16-84				
Surrogate: 2,4,6-Tribromophenol	94.7		"	78.2		121	15-104				
Surrogate: Terphenyl-d14	29.0		"	50.2		57.7	15-106				

LCS (BE71294-BS2)

Prepared: 05/25/2017 Analyzed: 05/28/2017

Acenaphthene	0.730	0.0500	ug/L	1.00		73.0	24-114				
Acenaphthylene	0.780	0.0500	"	1.00		78.0	26-112				
Anthracene	0.770	0.0500	"	1.00		77.0	35-114				
Atrazine	ND	0.500	"				43-101				
Benzo(a)anthracene	0.980	0.0500	"	1.00		98.0	38-127				
Benzo(a)pyrene	1.05	0.0500	"	1.00		105	30-146				
Benzo(b)fluoranthene	1.09	0.0500	"	1.00		109	36-145				
Benzo(g,h,i)perylene	1.07	0.0500	"	1.00		107	10-163				
Benzo(k)fluoranthene	1.13	0.0500	"	1.00		113	16-149				
Bis(2-ethylhexyl)phthalate	0.640	0.500	"				10-171				
Hexachlorobutadiene	ND	0.500	"				25-106				
Chrysene	0.960	0.0500	"	1.00		96.0	33-120				
Dibenzo(a,h)anthracene	1.08	0.0500	"	1.00		108	10-149				
Naphthalene	0.750	0.0500	"	1.00		75.0	30-99				
Fluoranthene	0.820	0.0500	"	1.00		82.0	33-126				
Fluorene	0.780	0.0500	"	1.00		78.0	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	1.08	0.0500	"	1.00		108	10-150				
Nitrobenzene	ND	0.250	"				32-113				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	0.830	0.0500	"	1.00		83.0	31-112				
Pyrene	1.15	0.0500	"	1.00		115	42-125				



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 BE71294 - EPA 3510C											
LCS Dup (BE71294-BSD1)											
										Prepared: 05/25/2017 Analyzed: 05/30/2017	
1,1-Biphenyl	18.5	5.00	ug/L	25.0		73.9	21-102		3.40	20	
1,2,4,5-Tetrachlorobenzene	18.0	5.00	"	25.0		71.9	28-105		0.167	20	
1,2-Diphenylhydrazine (as Azobenzene)	17.7	5.00	"	25.0		70.9	16-137		1.14	20	
2,3,4,6-Tetrachlorophenol	53.5	5.00	"	25.0		214	30-130	High Bias	1.02	20	
2,4,5-Trichlorophenol	25.6	5.00	"	25.0		103	36-112		1.39	20	
2,4,6-Trichlorophenol	21.3	5.00	"	25.0		85.4	41-107		1.86	20	
1,2,4-Trichlorobenzene	18.8	5.00	"	25.0		75.3	35-91		3.09	20	
2,4-Dichlorophenol	18.8	5.00	"	25.0		75.4	43-92		3.34	20	
2,4-Dimethylphenol	16.4	5.00	"	25.0		65.5	25-92		1.46	20	
2,4-Dinitrophenol	21.4	5.00	"	25.0		85.6	10-149		1.22	20	
2,4-Dinitrotoluene	23.6	5.00	"	25.0		94.3	41-114		3.23	20	
1,2-Dichlorobenzene	16.1	5.00	"	25.0		64.4	42-85		6.20	20	
2,6-Dinitrotoluene	21.4	5.00	"	25.0		85.6	49-106		0.187	20	
2-Chloronaphthalene	17.3	5.00	"	25.0		69.2	40-96		1.95	20	
2-Chlorophenol	15.9	5.00	"	25.0		63.5	35-84		6.17	20	
2-Methylnaphthalene	20.1	5.00	"	25.0		80.4	33-101		1.92	20	
1,3-Dichlorobenzene	16.1	5.00	"	25.0		64.4	45-80		6.61	20	
2-Methylphenol	11.9	5.00	"	25.0		47.7	10-90		7.35	20	
2-Nitroaniline	21.3	5.00	"	25.0		85.3	31-122		1.58	20	
1,4-Dichlorobenzene	14.7	5.00	"	25.0		58.6	42-82		6.98	20	
2-Nitrophenol	22.8	5.00	"	25.0		91.3	37-97		1.26	20	
3- & 4-Methylphenols	9.56	5.00	"	25.0		38.2	10-101		9.09	20	
3,3-Dichlorobenzidine	17.5	5.00	"	25.0		69.9	25-155		12.2	20	
3-Nitroaniline	21.3	5.00	"	25.0		85.3	29-128		1.58	20	
4,6-Dinitro-2-methylphenol	33.1	5.00	"	25.0		133	10-135		3.63	20	
4-Bromophenyl phenyl ether	18.6	5.00	"	25.0		74.5	38-116		3.00	20	
4-Chloro-3-methylphenol	19.1	5.00	"	25.0		76.5	28-101		3.34	20	
4-Chloroaniline	24.3	5.00	"	25.0		97.0	10-154		14.8	20	
4-Chlorophenyl phenyl ether	19.3	5.00	"	25.0		77.1	34-112		0.156	20	
4-Nitroaniline	18.1	5.00	"	25.0		72.5	15-143		13.1	20	
4-Nitrophenol	7.70	5.00	"	25.0		30.8	10-112		6.41	20	
Acenaphthene	20.2	0.0500	"	25.0		80.8	24-114		1.86	20	
Acenaphthylene	17.9	0.0500	"	25.0		71.4	26-112		2.82	20	
Acetophenone	15.8	5.00	"	25.0		63.3	47-92		6.24	20	
Aniline	13.0	5.00	"	25.0		52.0	10-107		7.06	20	
Anthracene	19.7	0.0500	"	25.0		78.6	35-114		3.68	20	
Atrazine	37.1	0.500	"	25.0		149	43-101	High Bias	0.323	20	
Benzaldehyde	14.9	5.00	"	25.0		59.4	17-117		7.51	20	
Benzo(a)anthracene	19.4	0.0500	"	25.0		77.5	38-127		3.09	20	
Benzo(a)pyrene	20.1	0.0500	"	25.0		80.4	30-146		2.02	20	
Benzo(b)fluoranthene	19.6	0.0500	"	25.0		78.6	36-145		2.63	20	
Benzo(g,h,i)perylene	20.3	0.0500	"	25.0		81.3	10-163		2.89	20	
Benzo(k)fluoranthene	22.2	0.0500	"	25.0		88.7	16-149		1.36	20	
Benzoic acid	ND	50.0	"	25.0			30-130	Low Bias		20	
Benzyl alcohol	10.2	5.00	"	25.0		40.8	18-75		9.00	20	
Benzyl butyl phthalate	19.1	5.00	"	25.0		76.4	28-129		2.82	20	
Bis(2-chloroethoxy)methane	18.7	5.00	"	25.0		74.7	27-112		2.85	20	
Bis(2-chloroethyl)ether	13.2	5.00	"	25.0		53.0	24-114		9.02	20	
Bis(2-chloroisopropyl)ether	15.7	5.00	"	25.0		62.8	21-124		6.05	20	
Bis(2-ethylhexyl)phthalate	19.6	0.500	"	25.0		78.3	10-171		3.01	20	
Caprolactam	3.14	5.00	"	25.0		12.6	10-29		15.6	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
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Batch BE71294 - EPA 3510C

LCS Dup (BE71294-BSD1)

Prepared: 05/25/2017 Analyzed: 05/30/2017

Carbazole	47.8	5.00	ug/L	25.0		191	49-116	High Bias	2.58	20	
Hexachlorobutadiene	20.4	0.500	"	25.0		81.6	25-106		3.56	20	
Chrysene	19.2	0.0500	"	25.0		76.7	33-120		2.70	20	
Dibenzo(a,h)anthracene	19.8	0.0500	"	25.0		79.2	10-149		3.65	20	
Dibenzofuran	19.7	5.00	"	25.0		78.8	42-105		1.36	20	
Diethyl phthalate	20.2	5.00	"	25.0		81.0	38-112		2.20	20	
Dimethyl phthalate	20.0	5.00	"	25.0		79.8	49-106		1.92	20	
Di-n-butyl phthalate	20.3	5.00	"	25.0		81.2	36-110		3.35	20	
Di-n-octyl phthalate	20.2	5.00	"	25.0		81.0	12-149		1.59	20	
Naphthalene	18.9	0.0500	"	25.0		75.6	30-99		1.94	20	
Fluoranthene	21.6	0.0500	"	25.0		86.5	33-126		3.77	20	
Fluorene	20.0	0.0500	"	25.0		79.8	28-117		0.250	20	
Hexachlorobenzene	19.5	0.0200	"	25.0		78.0	27-120		1.66	20	
Hexachlorocyclopentadiene	9.63	5.00	"	25.0		38.5	10-99		7.21	20	
Hexachloroethane	16.6	0.500	"	25.0		66.4	33-84		7.93	20	
Indeno(1,2,3-cd)pyrene	19.6	0.0500	"	25.0		78.3	10-150		4.22	20	
Isophorone	17.9	5.00	"	25.0		71.6	29-115		1.44	20	
Nitrobenzene	17.7	0.250	"	25.0		70.8	32-113		1.29	20	
N-Nitrosodimethylamine	5.88	0.500	"	25.0		23.5	10-63		7.37	20	
N-nitroso-di-n-propylamine	15.0	5.00	"	25.0		59.8	36-118		5.65	20	
N-Nitrosodiphenylamine	22.8	5.00	"	25.0		91.1	27-145		1.61	20	
Pentachlorophenol	19.1	0.250	"	25.0		76.3	19-127		7.27	20	
Phenanthrene	20.7	0.0500	"	25.0		82.8	31-112		2.49	20	
Phenol	5.64	5.00	"	25.0		22.6	10-37		8.98	20	
Pyrene	20.1	0.0500	"	25.0		80.5	42-125		3.08	20	
Surrogate: 2-Fluorophenol	24.7		"	78.0		31.7	12-64				
Surrogate: Phenol-d5	15.0		"	76.8		19.6	10-82				
Surrogate: Nitrobenzene-d5	40.1		"	57.4		69.9	12-96				
Surrogate: 2-Fluorobiphenyl	38.3		"	51.2		74.7	16-84				
Surrogate: 2,4,6-Tribromophenol	97.8		"	78.2		125	15-104				
Surrogate: Terphenyl-d14	28.9		"	50.2		57.5	15-106				



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
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Batch BE71533 - EPA 3550C

Blank (BE71533-BLK1)

Prepared & Analyzed: 05/31/2017

1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	41.7	ug/kg wet								
1,2,4-Trichlorobenzene	ND	0.0417	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	41.7	ug/kg wet								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	mg/kg wet								
1,3-Dichlorobenzene	ND	41.7	ug/kg wet								
1,3-Dichlorobenzene	ND	0.0417	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	41.7	ug/kg wet								
2,3,4,6-Tetrachlorophenol	ND	0.0833	mg/kg wet								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,4-Dinitrotoluene	ND	41.7	ug/kg wet								
2,6-Dinitrotoluene	ND	0.0417	mg/kg wet								
2,6-Dinitrotoluene	ND	41.7	ug/kg wet								
2-Chloronaphthalene	ND	0.0417	mg/kg wet								
2-Chloronaphthalene	ND	41.7	ug/kg wet								
2-Chlorophenol	ND	0.0417	mg/kg wet								
2-Methylnaphthalene	ND	41.7	ug/kg wet								
2-Methylnaphthalene	ND	0.0417	mg/kg wet								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	41.7	ug/kg wet								
3,3-Dichlorobenzidine	ND	0.0417	mg/kg wet								
3-Nitroaniline	ND	83.3	ug/kg wet								
3-Nitroaniline	ND	0.0833	mg/kg wet								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Bromophenyl phenyl ether	ND	41.7	ug/kg wet								
4-Chloro-3-methylphenol	ND	0.0417	mg/kg wet								
4-Chloroaniline	ND	41.7	ug/kg wet								
4-Chloroaniline	ND	0.0417	mg/kg wet								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	41.7	ug/kg wet								
4-Nitroaniline	ND	0.0833	mg/kg wet								
4-Nitroaniline	ND	83.3	ug/kg wet								
4-Nitrophenol	ND	0.0833	mg/kg wet								
Acenaphthene	ND	0.0417	"								
Acenaphthene	ND	41.7	ug/kg wet								
Acenaphthylene	ND	0.0417	mg/kg wet								
Acenaphthylene	ND	41.7	ug/kg wet								
Acetophenone	ND	0.0417	mg/kg wet								
Aniline	ND	167	ug/kg wet								



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
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Batch BE71533 - EPA 3550C

Blank (BE71533-BLK1)

Prepared & Analyzed: 05/31/2017

Aniline	ND	0.167	mg/kg wet								
Anthracene	ND	41.7	ug/kg wet								
Anthracene	ND	0.0417	mg/kg wet								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)anthracene	ND	41.7	ug/kg wet								
Benzo(a)pyrene	ND	0.0417	mg/kg wet								
Benzo(a)pyrene	ND	41.7	ug/kg wet								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(b)fluoranthene	ND	0.0417	mg/kg wet								
Benzo(g,h,i)perylene	ND	41.7	ug/kg wet								
Benzo(g,h,i)perylene	ND	0.0417	mg/kg wet								
Benzo(k)fluoranthene	ND	41.7	ug/kg wet								
Benzo(k)fluoranthene	ND	0.0417	mg/kg wet								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Benzyl butyl phthalate	ND	41.7	ug/kg wet								
Bis(2-chloroethoxy)methane	ND	0.0417	mg/kg wet								
Bis(2-chloroethoxy)methane	ND	41.7	ug/kg wet								
Bis(2-chloroethyl)ether	ND	0.0417	mg/kg wet								
Bis(2-chloroethyl)ether	ND	41.7	ug/kg wet								
Bis(2-chloroisopropyl)ether	ND	0.0417	mg/kg wet								
Bis(2-chloroisopropyl)ether	ND	41.7	ug/kg wet								
Bis(2-ethylhexyl)phthalate	ND	0.0417	mg/kg wet								
Bis(2-ethylhexyl)phthalate	ND	41.7	ug/kg wet								
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	41.7	ug/kg wet								
Carbazole	ND	0.0417	mg/kg wet								
Chrysene	ND	0.0417	"								
Chrysene	ND	41.7	ug/kg wet								
Dibenzo(a,h)anthracene	ND	0.0417	mg/kg wet								
Dibenzo(a,h)anthracene	ND	41.7	ug/kg wet								
Dibenzofuran	ND	0.0417	mg/kg wet								
Dibenzofuran	ND	41.7	ug/kg wet								
Diethyl phthalate	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	41.7	ug/kg wet								
Dimethyl phthalate	ND	41.7	"								
Dimethyl phthalate	ND	0.0417	mg/kg wet								
Di-n-butyl phthalate	ND	41.7	ug/kg wet								
Di-n-butyl phthalate	ND	0.0417	mg/kg wet								
Di-n-octyl phthalate	ND	41.7	ug/kg wet								
Di-n-octyl phthalate	ND	0.0417	mg/kg wet								
Fluoranthene	ND	41.7	ug/kg wet								
Fluoranthene	ND	0.0417	mg/kg wet								
Fluorene	ND	0.0417	"								
Fluorene	ND	41.7	ug/kg wet								
Hexachlorobenzene	ND	0.0417	mg/kg wet								
Hexachlorobenzene	ND	41.7	ug/kg wet								



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
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Batch BE71533 - EPA 3550C

Blank (BE71533-BLK1)

Prepared & Analyzed: 05/31/2017

Hexachlorobutadiene	ND	41.7	ug/kg wet								
Hexachlorobutadiene	ND	0.0417	mg/kg wet								
Hexachlorocyclopentadiene	ND	41.7	ug/kg wet								
Hexachlorocyclopentadiene	ND	0.0417	mg/kg wet								
Hexachloroethane	ND	41.7	ug/kg wet								
Hexachloroethane	ND	0.0417	mg/kg wet								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	ug/kg wet								
Isophorone	ND	0.0417	mg/kg wet								
Isophorone	ND	41.7	ug/kg wet								
Naphthalene	ND	0.0417	mg/kg wet								
Naphthalene	ND	41.7	ug/kg wet								
Nitrobenzene	ND	41.7	"								
Nitrobenzene	ND	0.0417	mg/kg wet								
N-Nitrosodimethylamine	ND	41.7	ug/kg wet								
N-Nitrosodimethylamine	ND	0.0417	mg/kg wet								
N-nitroso-di-n-propylamine	ND	41.7	ug/kg wet								
N-nitroso-di-n-propylamine	ND	0.0417	mg/kg wet								
N-Nitrosodiphenylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	41.7	ug/kg wet								
Pentachlorophenol	ND	0.0417	mg/kg wet								
Phenanthrene	ND	0.0417	"								
Phenanthrene	ND	41.7	ug/kg wet								
Phenol	ND	0.0417	mg/kg wet								
Pyrene	ND	41.7	ug/kg wet								
Pyrene	ND	0.0417	mg/kg wet								
Pyridine	ND	167	ug/kg wet								
Surrogate: 2-Fluorophenol	1.31		mg/kg wet	2.60		50.4	20-108				
Surrogate: Phenol-d5	1.26		"	2.56		49.3	23-114				
Surrogate: Nitrobenzene-d5	913		ug/kg wet	1910		47.7	22-108				
Surrogate: Nitrobenzene-d5	0.913		mg/kg wet	1.91		47.7	22-108				
Surrogate: 2-Fluorobiphenyl	0.945		"	1.71		55.4	21-113				
Surrogate: 2-Fluorobiphenyl	945		ug/kg wet	1710		55.4	21-113				
Surrogate: 2,4,6-Tribromophenol	1.79		mg/kg wet	2.61		68.7	19-110				
Surrogate: Terphenyl-d14	0.942		"	1.67		56.3	24-116				
Surrogate: Terphenyl-d14	942		ug/kg wet	1670		56.3	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 BE71533 - EPA 3550C											
LCS (BE71533-BS1)											
Prepared & Analyzed: 05/31/2017											
1,1-Biphenyl	0.584	0.0417	mg/kg wet	0.833		70.0	22-103				
1,2,4,5-Tetrachlorobenzene	0.531	0.0833	"	0.833		63.7	10-144				
1,2,4-Trichlorobenzene	0.551	0.0417	"	0.833		66.1	23-130				
1,2,4-Trichlorobenzene	551	41.7	ug/kg wet	833		66.1	23-130				
1,2-Dichlorobenzene	0.508	0.0417	mg/kg wet	0.833		61.0	26-113				
1,2-Dichlorobenzene	508	41.7	ug/kg wet	833		61.0	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	0.570	0.0417	mg/kg wet	0.833		68.4	10-140				
1,3-Dichlorobenzene	0.477	0.0417	"	0.833		57.2	32-113				
1,3-Dichlorobenzene	477	41.7	ug/kg wet	833		57.2	32-113				
1,4-Dichlorobenzene	0.452	0.0417	mg/kg wet	0.833		54.2	28-111				
1,4-Dichlorobenzene	452	41.7	ug/kg wet	833		54.2	28-111				
2,3,4,6-Tetrachlorophenol	1.66	0.0833	mg/kg wet	0.833		199	30-130	High Bias			
2,4,5-Trichlorophenol	0.746	0.0417	"	0.833		89.5	14-138				
2,4,6-Trichlorophenol	0.702	0.0417	"	0.833		84.2	27-122				
2,4-Dichlorophenol	0.628	0.0417	"	0.833		75.3	23-133				
2,4-Dimethylphenol	0.652	0.0417	"	0.833		78.2	15-131				
2,4-Dinitrophenol	0.874	0.0833	"	0.833		105	10-149				
2,4-Dinitrotoluene	0.698	0.0417	"	0.833		83.8	30-123				
2,4-Dinitrotoluene	698	41.7	ug/kg wet	833		83.8	30-123				
2,6-Dinitrotoluene	0.696	0.0417	mg/kg wet	0.833		83.5	30-125				
2,6-Dinitrotoluene	696	41.7	ug/kg wet	833		83.5	30-125				
2-Chloronaphthalene	0.573	0.0417	mg/kg wet	0.833		68.7	22-115				
2-Chloronaphthalene	573	41.7	ug/kg wet	833		68.7	22-115				
2-Chlorophenol	0.575	0.0417	mg/kg wet	0.833		69.0	25-121				
2-Methylnaphthalene	0.615	0.0417	"	0.833		73.8	16-127				
2-Methylnaphthalene	615	41.7	ug/kg wet	833		73.8	16-127				
2-Methylphenol	0.553	0.0417	mg/kg wet	0.833		66.4	10-146				
2-Nitroaniline	0.707	0.0833	"	0.833		84.8	24-126				
2-Nitrophenol	0.598	0.0417	"	0.833		71.7	17-129				
3- & 4-Methylphenols	0.580	0.0417	"	0.833		69.6	20-109				
3,3-Dichlorobenzidine	0.685	0.0417	"	0.833		82.2	10-147				
3,3-Dichlorobenzidine	685	41.7	ug/kg wet	833		82.2	10-147				
3-Nitroaniline	0.630	0.0833	mg/kg wet	0.833		75.6	23-123				
3-Nitroaniline	630	83.3	ug/kg wet	833		75.6	23-123				
4,6-Dinitro-2-methylphenol	0.773	0.0833	mg/kg wet	0.833		92.7	10-149				
4-Bromophenyl phenyl ether	0.639	0.0417	"	0.833		76.6	30-138				
4-Bromophenyl phenyl ether	639	41.7	ug/kg wet	833		76.6	30-138				
4-Chloro-3-methylphenol	0.693	0.0417	mg/kg wet	0.833		83.2	16-138				
4-Chloroaniline	0.524	0.0417	"	0.833		62.8	10-117				
4-Chloroaniline	524	41.7	ug/kg wet	833		62.8	10-117				
4-Chlorophenyl phenyl ether	0.629	0.0417	mg/kg wet	0.833		75.4	18-132				
4-Chlorophenyl phenyl ether	629	41.7	ug/kg wet	833		75.4	18-132				
4-Nitroaniline	0.638	0.0833	mg/kg wet	0.833		76.6	14-125				
4-Nitroaniline	638	83.3	ug/kg wet	833		76.6	14-125				
4-Nitrophenol	0.692	0.0833	mg/kg wet	0.833		83.1	10-136				
Acenaphthene	0.628	0.0417	"	0.833		75.4	17-124				
Acenaphthene	628	41.7	ug/kg wet	833		75.4	17-124				
Acenaphthylene	0.580	0.0417	mg/kg wet	0.833		69.6	16-124				
Acenaphthylene	580	41.7	ug/kg wet	833		69.6	16-124				
Acetophenone	0.584	0.0417	mg/kg wet	0.833		70.1	28-105				
Aniline	0.502	0.167	"	0.833		60.2	10-111				



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 BE71533 - EPA 3550C											
LCS (BE71533-BS1)											
Prepared & Analyzed: 05/31/2017											
Aniline	502	167	ug/kg wet	833		60.2	10-111				
Anthracene	0.679	0.0417	mg/kg wet	0.833		81.5	24-124				
Anthracene	679	41.7	ug/kg wet	833		81.5	24-124				
Atrazine	0.666	0.0417	mg/kg wet	0.833		80.0	22-120				
Benzaldehyde	0.585	0.0417	"	0.833		70.2	21-100				
Benzo(a)anthracene	0.706	0.0417	"	0.833		84.7	25-134				
Benzo(a)anthracene	706	41.7	ug/kg wet	833		84.7	25-134				
Benzo(a)pyrene	0.704	0.0417	mg/kg wet	0.833		84.5	29-144				
Benzo(a)pyrene	704	41.7	ug/kg wet	833		84.5	29-144				
Benzo(b)fluoranthene	0.711	0.0417	mg/kg wet	0.833		85.4	20-151				
Benzo(b)fluoranthene	711	41.7	ug/kg wet	833		85.4	20-151				
Benzo(g,h,i)perylene	0.720	0.0417	mg/kg wet	0.833		86.4	10-153				
Benzo(g,h,i)perylene	720	41.7	ug/kg wet	833		86.4	10-153				
Benzo(k)fluoranthene	0.695	0.0417	mg/kg wet	0.833		83.4	10-148				
Benzo(k)fluoranthene	695	41.7	ug/kg wet	833		83.4	10-148				
Benzoic acid	0.540	0.0417	mg/kg wet	0.833		64.8	10-116				
Benzyl alcohol	0.596	0.0417	"	0.833		71.5	17-128				
Benzyl butyl phthalate	0.619	0.0417	"	0.833		74.2	10-132				
Benzyl butyl phthalate	619	41.7	ug/kg wet	833		74.2	10-132				
Bis(2-chloroethoxy)methane	0.598	0.0417	mg/kg wet	0.833		71.8	10-129				
Bis(2-chloroethoxy)methane	598	41.7	ug/kg wet	833		71.8	10-129				
Bis(2-chloroethyl)ether	0.542	0.0417	mg/kg wet	0.833		65.0	14-125				
Bis(2-chloroethyl)ether	542	41.7	ug/kg wet	833		65.0	14-125				
Bis(2-chloroisopropyl)ether	0.543	0.0417	mg/kg wet	0.833		65.2	14-122				
Bis(2-chloroisopropyl)ether	543	41.7	ug/kg wet	833		65.2	14-122				
Bis(2-ethylhexyl)phthalate	0.644	0.0417	mg/kg wet	0.833		77.3	10-141				
Bis(2-ethylhexyl)phthalate	644	41.7	ug/kg wet	833		77.3	10-141				
Caprolactam	0.670	0.0833	mg/kg wet	0.833		80.4	10-123				
Carbazole	0.721	0.0417	"	0.833		86.6	31-120				
Carbazole	721	41.7	ug/kg wet	833		86.6	31-120				
Chrysene	0.638	0.0417	mg/kg wet	0.833		76.6	24-116				
Chrysene	638	41.7	ug/kg wet	833		76.6	24-116				
Dibenzo(a,h)anthracene	0.691	0.0417	mg/kg wet	0.833		82.9	17-147				
Dibenzo(a,h)anthracene	691	41.7	ug/kg wet	833		82.9	17-147				
Dibenzofuran	0.626	0.0417	mg/kg wet	0.833		75.1	23-123				
Dibenzofuran	626	41.7	ug/kg wet	833		75.1	23-123				
Diethyl phthalate	0.634	0.0417	mg/kg wet	0.833		76.1	23-122				
Diethyl phthalate	634	41.7	ug/kg wet	833		76.1	23-122				
Dimethyl phthalate	0.678	0.0417	mg/kg wet	0.833		81.4	28-127				
Dimethyl phthalate	678	41.7	ug/kg wet	833		81.4	28-127				
Di-n-butyl phthalate	0.641	0.0417	mg/kg wet	0.833		76.9	19-123				
Di-n-butyl phthalate	641	41.7	ug/kg wet	833		76.9	19-123				
Di-n-octyl phthalate	0.683	0.0417	mg/kg wet	0.833		82.0	10-132				
Di-n-octyl phthalate	683	41.7	ug/kg wet	833		82.0	10-132				
Fluoranthene	0.702	0.0417	mg/kg wet	0.833		84.2	36-125				
Fluoranthene	702	41.7	ug/kg wet	833		84.2	36-125				
Fluorene	0.642	0.0417	mg/kg wet	0.833		77.0	16-130				
Fluorene	642	41.7	ug/kg wet	833		77.0	16-130				
Hexachlorobenzene	0.620	0.0417	mg/kg wet	0.833		74.4	10-129				
Hexachlorobenzene	620	41.7	ug/kg wet	833		74.4	10-129				
Hexachlorobutadiene	0.552	0.0417	mg/kg wet	0.833		66.3	22-153				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit

Batch BE71533 - EPA 3550C

LCS (BE71533-BS1)

Prepared & Analyzed: 05/31/2017

Hexachlorobutadiene	552	41.7	ug/kg wet	833		66.3	22-153			
Hexachlorocyclopentadiene	0.505	0.0417	mg/kg wet	0.833		60.6	10-134			
Hexachlorocyclopentadiene	505	41.7	ug/kg wet	833		60.6	10-134			
Hexachloroethane	0.459	0.0417	mg/kg wet	0.833		55.0	20-112			
Hexachloroethane	459	41.7	ug/kg wet	833		55.0	20-112			
Indeno(1,2,3-cd)pyrene	0.715	0.0417	mg/kg wet	0.833		85.8	10-155			
Indeno(1,2,3-cd)pyrene	715	41.7	ug/kg wet	833		85.8	10-155			
Isophorone	0.598	0.0417	mg/kg wet	0.833		71.8	14-131			
Isophorone	598	41.7	ug/kg wet	833		71.8	14-131			
Naphthalene	0.530	0.0417	mg/kg wet	0.833		63.6	20-121			
Naphthalene	530	41.7	ug/kg wet	833		63.6	20-121			
Nitrobenzene	0.522	0.0417	mg/kg wet	0.833		62.7	20-121			
Nitrobenzene	522	41.7	ug/kg wet	833		62.7	20-121			
N-Nitrosodimethylamine	0.518	0.0417	mg/kg wet	0.833		62.1	10-124			
N-Nitrosodimethylamine	518	41.7	ug/kg wet	833		62.1	10-124			
N-nitroso-di-n-propylamine	0.523	0.0417	mg/kg wet	0.833		62.8	21-119			
N-nitroso-di-n-propylamine	523	41.7	ug/kg wet	833		62.8	21-119			
N-Nitrosodiphenylamine	0.778	0.0417	mg/kg wet	0.833		93.4	10-163			
N-Nitrosodiphenylamine	778	41.7	ug/kg wet	833		93.4	10-163			
Pentachlorophenol	0.868	0.0417	mg/kg wet	0.833		104	10-143			
Phenanthrene	0.672	0.0417	"	0.833		80.6	24-123			
Phenanthrene	672	41.7	ug/kg wet	833		80.6	24-123			
Phenol	0.564	0.0417	mg/kg wet	0.833		67.6	15-123			
Pyrene	0.705	0.0417	"	0.833		84.6	24-132			
Pyrene	705	41.7	ug/kg wet	833		84.6	24-132			
Pyridine	398	167	"	833		47.8	10-92			
Surrogate: 2-Fluorophenol	1.34		mg/kg wet	2.60		51.7	20-108			
Surrogate: Phenol-d5	1.36		"	2.56		53.3	23-114			
Surrogate: Nitrobenzene-d5	0.953		"	1.91		49.8	22-108			
Surrogate: Nitrobenzene-d5	953		ug/kg wet	1910		49.8	22-108			
Surrogate: 2-Fluorobiphenyl	1.00		mg/kg wet	1.71		58.8	21-113			
Surrogate: 2-Fluorobiphenyl	1000		ug/kg wet	1710		58.8	21-113			
Surrogate: 2,4,6-Tribromophenol	2.16		mg/kg wet	2.61		82.7	19-110			
Surrogate: Terphenyl-d14	908		ug/kg wet	1670		54.3	24-116			
Surrogate: Terphenyl-d14	0.908		mg/kg wet	1.67		54.3	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 BE71533 - EPA 3550C											
Matrix Spike (BE71533-MS1)	*Source sample: 17E0947-11 (SB-7 (8-9)-20170523)						Prepared: 05/31/2017 Analyzed: 06/01/2017				
1,1-Biphenyl	1.05	0.139	mg/kg dry	1.39	ND	75.4	24-112				
1,2,4,5-Tetrachlorobenzene	0.925	0.278	"	1.39	ND	66.5	18-152				
1,2,4-Trichlorobenzene	1030	139	ug/kg dry	1390	ND	74.0	15-139				
1,2,4-Trichlorobenzene	1.03	0.139	mg/kg dry	1.39	ND	74.0	15-139				
1,2-Dichlorobenzene	848	139	ug/kg dry	1390	ND	61.0	29-106				
1,2-Dichlorobenzene	0.848	0.139	mg/kg dry	1.39	ND	61.0	29-106				
1,2-Diphenylhydrazine (as Azobenzene)	1.02	0.139	"	1.39	ND	73.5	10-135				
1,3-Dichlorobenzene	0.809	0.139	"	1.39	ND	58.2	34-100				
1,3-Dichlorobenzene	809	139	ug/kg dry	1390	ND	58.2	34-100				
1,4-Dichlorobenzene	0.795	0.139	mg/kg dry	1.39	ND	57.1	26-107				
1,4-Dichlorobenzene	795	139	ug/kg dry	1390	ND	57.1	26-107				
2,3,4,6-Tetrachlorophenol	0.897	0.278	mg/kg dry	1.39	ND	64.5	30-130				
2,4,5-Trichlorophenol	0.357	0.139	"	1.39	ND	25.7	10-148				
2,4,6-Trichlorophenol	0.305	0.139	"	1.39	ND	21.9	12-138				
2,4-Dichlorophenol	0.533	0.139	"	1.39	ND	38.3	16-144				
2,4-Dimethylphenol	1.27	0.139	"	1.39	ND	91.3	11-133				
2,4-Dinitrophenol	0.405	0.278	"	1.39	ND	29.1	10-132				
2,4-Dinitrotoluene	1130	139	ug/kg dry	1390	ND	81.4	42-113				
2,4-Dinitrotoluene	1.13	0.139	mg/kg dry	1.39	ND	81.4	42-113				
2,6-Dinitrotoluene	1150	139	ug/kg dry	1390	ND	83.0	36-124				
2,6-Dinitrotoluene	1.15	0.139	mg/kg dry	1.39	ND	83.0	36-124				
2-Chloronaphthalene	1100	139	ug/kg dry	1390	ND	79.4	31-116				
2-Chloronaphthalene	1.10	0.139	mg/kg dry	1.39	ND	79.4	31-116				
2-Chlorophenol	0.778	0.139	"	1.39	ND	55.9	28-114				
2-Methylnaphthalene	1150	139	ug/kg dry	1390	ND	82.7	10-143				
2-Methylnaphthalene	1.15	0.139	mg/kg dry	1.39	ND	82.7	10-143				
2-Methylphenol	1.04	0.139	"	1.39	ND	74.9	10-160				
2-Nitroaniline	1.22	0.278	"	1.39	ND	87.5	33-122				
2-Nitrophenol	0.301	0.139	"	1.39	ND	21.6	12-127				
3- & 4-Methylphenols	1.08	0.139	"	1.39	ND	77.3	16-115				
3,3-Dichlorobenzidine	949	139	ug/kg dry	1390	ND	68.2	10-134				
3,3-Dichlorobenzidine	0.949	0.139	mg/kg dry	1.39	ND	68.2	10-134				
3-Nitroaniline	1.02	0.278	"	1.39	ND	73.5	24-128				
3-Nitroaniline	1020	278	ug/kg dry	1390	ND	73.5	24-128				
4,6-Dinitro-2-methylphenol	0.766	0.278	mg/kg dry	1.39	ND	55.0	10-149				
4-Bromophenyl phenyl ether	1.10	0.139	"	1.39	ND	79.4	32-148				
4-Bromophenyl phenyl ether	1100	139	ug/kg dry	1390	ND	79.4	32-148				
4-Chloro-3-methylphenol	1.29	0.139	mg/kg dry	1.39	ND	92.5	14-138				
4-Chloroaniline	0.956	0.139	"	1.39	ND	68.7	10-124				
4-Chloroaniline	956	139	ug/kg dry	1390	ND	68.7	10-124				
4-Chlorophenyl phenyl ether	1.02	0.139	mg/kg dry	1.39	ND	73.4	10-153				
4-Chlorophenyl phenyl ether	1020	139	ug/kg dry	1390	ND	73.4	10-153				
4-Nitroaniline	1.12	0.278	mg/kg dry	1.39	ND	80.2	10-151				
4-Nitroaniline	1120	278	ug/kg dry	1390	ND	80.2	10-151				
4-Nitrophenol	0.405	0.278	mg/kg dry	1.39	ND	29.1	10-141				
Acenaphthene	1.10	0.139	"	1.39	ND	79.3	13-133				
Acenaphthene	1100	139	ug/kg dry	1390	ND	79.3	13-133				
Acenaphthylene	1.12	0.139	mg/kg dry	1.39	0.0496	80.2	25-125				
Acenaphthylene	1120	139	ug/kg dry	1390	49.6	80.2	25-125				
Acetophenone	0.932	0.139	mg/kg dry	1.39	ND	67.0	25-105				
Aniline	0.820	0.558	"	1.39	ND	58.9	10-112				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
Batch BE71533 - EPA 3550C										
Matrix Spike (BE71533-MS1)	*Source sample: 17E0947-11 (SB-7 (8-9)-20170523)						Prepared: 05/31/2017 Analyzed: 06/01/2017			
Aniline	820	558	ug/kg dry	1390	ND	58.9	10-112			
Anthracene	1.08	0.139	mg/kg dry	1.39	0.115	69.0	27-128			
Anthracene	1080	139	ug/kg dry	1390	115	69.0	27-128			
Atrazine	0.997	0.139	mg/kg dry	1.39	ND	71.6	10-139			
Benzaldehyde	0.968	0.139	"	1.39	ND	69.5	24-96			
Benzo(a)anthracene	1.31	0.139	"	1.39	0.692	44.2	20-147			
Benzo(a)anthracene	1310	139	ug/kg dry	1390	692	44.2	20-147			
Benzo(a)pyrene	1.44	0.139	mg/kg dry	1.39	0.638	57.6	18-153			
Benzo(a)pyrene	1440	139	ug/kg dry	1390	638	57.6	18-153			
Benzo(b)fluoranthene	1350	139	"	1390	543	57.7	10-163			
Benzo(b)fluoranthene	1.35	0.139	mg/kg dry	1.39	0.543	57.7	10-163			
Benzo(g,h,i)perylene	999	139	ug/kg dry	1390	343	47.1	10-157			
Benzo(g,h,i)perylene	0.999	0.139	mg/kg dry	1.39	0.343	47.1	10-157			
Benzo(k)fluoranthene	1320	139	ug/kg dry	1390	528	56.7	10-157			
Benzo(k)fluoranthene	1.32	0.139	mg/kg dry	1.39	0.528	56.7	10-157			
Benzoic acid	0.135	0.139	"	1.39	ND	9.68	10-130	Low Bias		
Benzyl alcohol	1.11	0.139	"	1.39	ND	79.5	20-122			
Benzyl butyl phthalate	1.06	0.139	"	1.39	ND	76.5	10-129			
Benzyl butyl phthalate	1060	139	ug/kg dry	1390	ND	76.5	10-129			
Bis(2-chloroethoxy)methane	1.23	0.139	mg/kg dry	1.39	ND	88.2	12-128			
Bis(2-chloroethoxy)methane	1230	139	ug/kg dry	1390	ND	88.2	12-128			
Bis(2-chloroethyl)ether	1.00	0.139	mg/kg dry	1.39	ND	72.1	18-113			
Bis(2-chloroethyl)ether	1000	139	ug/kg dry	1390	ND	72.1	18-113			
Bis(2-chloroisopropyl)ether	982	139	"	1390	ND	70.6	10-130			
Bis(2-chloroisopropyl)ether	0.982	0.139	mg/kg dry	1.39	ND	70.6	10-130			
Bis(2-ethylhexyl)phthalate	1210	139	ug/kg dry	1390	ND	86.8	10-138			
Bis(2-ethylhexyl)phthalate	1.21	0.139	mg/kg dry	1.39	ND	86.8	10-138			
Caprolactam	1.10	0.278	"	1.39	ND	79.4	10-100			
Carbazole	1140	139	ug/kg dry	1390	ND	81.8	24-139			
Carbazole	1.14	0.139	mg/kg dry	1.39	ND	81.8	24-139			
Chrysene	1310	139	ug/kg dry	1390	678	45.4	18-133			
Chrysene	1.31	0.139	mg/kg dry	1.39	0.678	45.4	18-133			
Dibenzo(a,h)anthracene	940	139	ug/kg dry	1390	80.6	61.7	10-146			
Dibenzo(a,h)anthracene	0.940	0.139	mg/kg dry	1.39	0.0806	61.7	10-146			
Dibenzofuran	1.18	0.139	"	1.39	ND	84.8	26-134			
Dibenzofuran	1180	139	ug/kg dry	1390	ND	84.8	26-134			
Diethyl phthalate	1200	139	"	1390	ND	85.9	30-119			
Diethyl phthalate	1.20	0.139	mg/kg dry	1.39	ND	85.9	30-119			
Dimethyl phthalate	1240	139	ug/kg dry	1390	ND	89.0	34-120			
Dimethyl phthalate	1.24	0.139	mg/kg dry	1.39	ND	89.0	34-120			
Di-n-butyl phthalate	1060	139	ug/kg dry	1390	ND	76.2	20-128			
Di-n-butyl phthalate	1.06	0.139	mg/kg dry	1.39	ND	76.2	20-128			
Di-n-octyl phthalate	1070	139	ug/kg dry	1390	ND	77.0	10-133			
Di-n-octyl phthalate	1.07	0.139	mg/kg dry	1.39	ND	77.0	10-133			
Fluoranthene	1530	139	ug/kg dry	1390	1270	18.3	10-155			
Fluoranthene	1.53	0.139	mg/kg dry	1.39	1.27	18.3	10-155			
Fluorene	1120	139	ug/kg dry	1390	ND	80.6	12-150			
Fluorene	1.12	0.139	mg/kg dry	1.39	ND	80.6	12-150			
Hexachlorobenzene	940	139	ug/kg dry	1390	ND	67.5	16-142			
Hexachlorobenzene	0.940	0.139	mg/kg dry	1.39	ND	67.5	16-142			
Hexachlorobutadiene	956	139	ug/kg dry	1390	ND	68.7	11-150			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD		
		Limit	Units						RPD	Limit	Flag
Batch BE71533 - EPA 3550C											
Matrix Spike (BE71533-MS1)	*Source sample: 17E0947-11 (SB-7 (8-9)-20170523)						Prepared: 05/31/2017 Analyzed: 06/01/2017				
Hexachlorobutadiene	0.956	0.139	mg/kg dry	1.39	ND	68.7	11-150				
Hexachlorocyclopentadiene	492	139	ug/kg dry	1390	ND	35.4	10-115				
Hexachlorocyclopentadiene	0.492	0.139	mg/kg dry	1.39	ND	35.4	10-115				
Hexachloroethane	0.758	0.139	"	1.39	ND	54.5	14-106				
Hexachloroethane	758	139	ug/kg dry	1390	ND	54.5	14-106				
Indeno(1,2,3-cd)pyrene	1030	139	"	1390	389	45.8	10-155				
Indeno(1,2,3-cd)pyrene	1.03	0.139	mg/kg dry	1.39	0.389	45.8	10-155				
Isophorone	1090	139	ug/kg dry	1390	ND	78.4	14-127				
Isophorone	1.09	0.139	mg/kg dry	1.39	ND	78.4	14-127				
Naphthalene	1.10	0.139	"	1.39	ND	78.7	15-132				
Naphthalene	1100	139	ug/kg dry	1390	ND	78.7	15-132				
Nitrobenzene	962	139	"	1390	ND	69.1	18-125				
Nitrobenzene	0.962	0.139	mg/kg dry	1.39	ND	69.1	18-125				
N-Nitrosodimethylamine	886	139	ug/kg dry	1390	ND	63.7	10-123				
N-Nitrosodimethylamine	0.886	0.139	mg/kg dry	1.39	ND	63.7	10-123				
N-nitroso-di-n-propylamine	0.934	0.139	"	1.39	ND	67.1	23-115				
N-nitroso-di-n-propylamine	934	139	ug/kg dry	1390	ND	67.1	23-115				
N-Nitrosodiphenylamine	1.23	0.139	mg/kg dry	1.39	ND	88.2	16-166				
N-Nitrosodiphenylamine	1230	139	ug/kg dry	1390	ND	88.2	16-166				
Pentachlorophenol	0.498	0.139	mg/kg dry	1.39	ND	35.8	10-160				
Phenanthrene	1.34	0.139	"	1.39	0.513	59.1	10-151				
Phenanthrene	1340	139	ug/kg dry	1390	513	59.1	10-151				
Phenol	1.02	0.139	mg/kg dry	1.39	ND	73.6	11-124				
Pyrene	1.66	0.139	"	1.39	1.48	13.2	13-148				
Pyrene	1660	139	ug/kg dry	1390	1480	13.2	13-148				
Pyridine	609	558	"	1390	ND	43.8	10-125				
Surrogate: 2-Fluorophenol	1.90		mg/kg dry	4.34		43.8	20-108				
Surrogate: Phenol-d5	2.55		"	4.28		59.6	23-114				
Surrogate: Nitrobenzene-d5	1.87		"	3.20		58.5	22-108				
Surrogate: Nitrobenzene-d5	1870		ug/kg dry	3200		58.5	22-108				
Surrogate: 2-Fluorobiphenyl	1930		"	2850		67.8	21-113				
Surrogate: 2-Fluorobiphenyl	1.93		mg/kg dry	2.85		67.8	21-113				
Surrogate: 2,4,6-Tribromophenol	1.06		"	4.35		24.3	19-110				
Surrogate: Terphenyl-d14	1.46		"	2.79		52.1	24-116				
Surrogate: Terphenyl-d14	1460		ug/kg dry	2790		52.1	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 BE71533 - EPA 3550C											
Matrix Spike Dup (BE71533-MSD1)	*Source sample: 17E0947-11 (SB-7 (8-9)-20170523)						Prepared: 05/31/2017 Analyzed: 06/01/2017				
1,1-Biphenyl	0.935	0.139	mg/kg dry	1.39	ND	67.2	24-112		11.6	30	
1,2,4,5-Tetrachlorobenzene	0.817	0.278	"	1.39	ND	58.7	18-152		12.4	30	
1,2,4-Trichlorobenzene	0.848	0.139	"	1.39	ND	61.0	15-139		19.3	30	
1,2,4-Trichlorobenzene	848	139	ug/kg dry	1390	ND	61.0	15-139		19.3	30	
1,2-Dichlorobenzene	745	139	"	1390	ND	53.5	29-106		13.0	30	
1,2-Dichlorobenzene	0.745	0.139	mg/kg dry	1.39	ND	53.5	29-106		13.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.850	0.139	"	1.39	ND	61.0	10-135		18.5	30	
1,3-Dichlorobenzene	696	139	ug/kg dry	1390	ND	50.0	34-100		15.1	30	
1,3-Dichlorobenzene	0.696	0.139	mg/kg dry	1.39	ND	50.0	34-100		15.1	30	
1,4-Dichlorobenzene	725	139	ug/kg dry	1390	ND	52.1	26-107		9.23	30	
1,4-Dichlorobenzene	0.725	0.139	mg/kg dry	1.39	ND	52.1	26-107		9.23	30	
2,3,4,6-Tetrachlorophenol	0.940	0.278	"	1.39	ND	67.5	30-130		4.61	30	
2,4,5-Trichlorophenol	0.326	0.139	"	1.39	ND	23.4	10-148		9.12	30	
2,4,6-Trichlorophenol	0.300	0.139	"	1.39	ND	21.5	12-138		1.84	30	
2,4-Dichlorophenol	0.468	0.139	"	1.39	ND	33.6	16-144		13.1	30	
2,4-Dimethylphenol	1.10	0.139	"	1.39	ND	79.4	11-133		14.0	30	
2,4-Dinitrophenol	0.177	0.278	"	1.39	ND	12.7	10-132		78.4	30	Non-dir.
2,4-Dinitrotoluene	0.926	0.139	"	1.39	ND	66.6	42-113		20.1	30	
2,4-Dinitrotoluene	926	139	ug/kg dry	1390	ND	66.6	42-113		20.1	30	
2,6-Dinitrotoluene	0.978	0.139	mg/kg dry	1.39	ND	70.2	36-124		16.6	30	
2,6-Dinitrotoluene	978	139	ug/kg dry	1390	ND	70.2	36-124		16.6	30	
2-Chloronaphthalene	909	139	"	1390	ND	65.3	31-116		19.5	30	
2-Chloronaphthalene	0.909	0.139	mg/kg dry	1.39	ND	65.3	31-116		19.5	30	
2-Chlorophenol	0.656	0.139	"	1.39	ND	47.1	28-114		17.1	30	
2-Methylnaphthalene	1.01	0.139	"	1.39	ND	72.6	10-143		13.0	30	
2-Methylnaphthalene	1010	139	ug/kg dry	1390	ND	72.6	10-143		13.0	30	
2-Methylphenol	0.905	0.139	mg/kg dry	1.39	ND	65.0	10-160		14.1	30	
2-Nitroaniline	1.02	0.278	"	1.39	ND	73.1	33-122		17.9	30	
2-Nitrophenol	0.283	0.139	"	1.39	ND	20.3	12-127		6.11	30	
3- & 4-Methylphenols	0.955	0.139	"	1.39	ND	68.6	16-115		11.8	30	
3,3-Dichlorobenzidine	0.838	0.139	"	1.39	ND	60.2	10-134		12.3	30	
3,3-Dichlorobenzidine	838	139	ug/kg dry	1390	ND	60.2	10-134		12.3	30	
3-Nitroaniline	0.922	0.278	mg/kg dry	1.39	ND	66.2	24-128		10.4	30	
3-Nitroaniline	922	278	ug/kg dry	1390	ND	66.2	24-128		10.4	30	
4,6-Dinitro-2-methylphenol	0.536	0.278	mg/kg dry	1.39	ND	38.5	10-149		35.4	30	Non-dir.
4-Bromophenyl phenyl ether	970	139	ug/kg dry	1390	ND	69.7	32-148		13.0	30	
4-Bromophenyl phenyl ether	0.970	0.139	mg/kg dry	1.39	ND	69.7	32-148		13.0	30	
4-Chloro-3-methylphenol	0.969	0.139	"	1.39	ND	69.6	14-138		28.2	30	
4-Chloroaniline	850	139	ug/kg dry	1390	ND	61.0	10-124		11.8	30	
4-Chloroaniline	0.850	0.139	mg/kg dry	1.39	ND	61.0	10-124		11.8	30	
4-Chlorophenyl phenyl ether	920	139	ug/kg dry	1390	ND	66.1	10-153		10.6	30	
4-Chlorophenyl phenyl ether	0.920	0.139	mg/kg dry	1.39	ND	66.1	10-153		10.6	30	
4-Nitroaniline	943	278	ug/kg dry	1390	ND	67.8	10-151		16.8	30	
4-Nitroaniline	0.943	0.278	mg/kg dry	1.39	ND	67.8	10-151		16.8	30	
4-Nitrophenol	0.403	0.278	"	1.39	ND	29.0	10-141		0.551	30	
Acenaphthene	0.978	0.139	"	1.39	ND	70.2	13-133		12.1	30	
Acenaphthene	978	139	ug/kg dry	1390	ND	70.2	13-133		12.1	30	
Acenaphthylene	970	139	"	1390	49.6	69.7	25-125		14.0	30	
Acenaphthylene	0.970	0.139	mg/kg dry	1.39	0.0496	69.7	25-125		14.0	30	
Acetophenone	0.903	0.139	"	1.39	ND	64.9	25-105		3.16	30	
Aniline	747	558	ug/kg dry	1390	ND	53.7	10-112		9.24	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

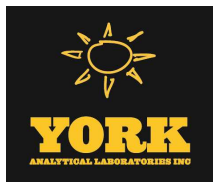
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag	
Batch BE71533 - EPA 3550C												
Matrix Spike Dup (BE71533-MSD1)		*Source sample: 17E0947-11 (SB-7 (8-9)-20170523)					Prepared: 05/31/2017 Analyzed: 06/01/2017					
Aniline	0.747	0.558	mg/kg dry	1.39	ND	53.7	10-112		9.24	30		
Anthracene	994	139	ug/kg dry	1390	115	63.2	27-128		7.85	30		
Anthracene	0.994	0.139	mg/kg dry	1.39	0.115	63.2	27-128		7.85	30		
Atrazine	0.923	0.139	"	1.39	ND	66.3	10-139		7.66	30		
Benzaldehyde	0.906	0.139	"	1.39	ND	65.1	24-96		6.54	30		
Benzo(a)anthracene	1.33	0.139	"	1.39	0.692	45.8	20-147		1.69	30		
Benzo(a)anthracene	1330	139	ug/kg dry	1390	692	45.8	20-147		1.69	30		
Benzo(a)pyrene	1330	139	"	1390	638	49.4	18-153		8.30	30		
Benzo(a)pyrene	1.33	0.139	mg/kg dry	1.39	0.638	49.4	18-153		8.30	30		
Benzo(b)fluoranthene	1280	139	ug/kg dry	1390	543	52.7	10-163		5.35	30		
Benzo(b)fluoranthene	1.28	0.139	mg/kg dry	1.39	0.543	52.7	10-163		5.35	30		
Benzo(g,h,i)perylene	931	139	ug/kg dry	1390	343	42.2	10-157		7.04	30		
Benzo(g,h,i)perylene	0.931	0.139	mg/kg dry	1.39	0.343	42.2	10-157		7.04	30		
Benzo(k)fluoranthene	1260	139	ug/kg dry	1390	528	52.9	10-157		4.14	30		
Benzo(k)fluoranthene	1.26	0.139	mg/kg dry	1.39	0.528	52.9	10-157		4.14	30		
Benzoic acid	0.124	0.139	"	1.39	ND	8.88	10-130	Low Bias	8.62	30		
Benzyl alcohol	0.903	0.139	"	1.39	ND	64.9	20-122		20.3	30		
Benzyl butyl phthalate	962	139	ug/kg dry	1390	ND	69.1	10-129		10.1	30		
Benzyl butyl phthalate	0.962	0.139	mg/kg dry	1.39	ND	69.1	10-129		10.1	30		
Bis(2-chloroethoxy)methane	1040	139	ug/kg dry	1390	ND	75.0	12-128		16.2	30		
Bis(2-chloroethoxy)methane	1.04	0.139	mg/kg dry	1.39	ND	75.0	12-128		16.2	30		
Bis(2-chloroethyl)ether	0.850	0.139	"	1.39	ND	61.0	18-113		16.6	30		
Bis(2-chloroethyl)ether	850	139	ug/kg dry	1390	ND	61.0	18-113		16.6	30		
Bis(2-chloroisopropyl)ether	0.904	0.139	mg/kg dry	1.39	ND	65.0	10-130		8.26	30		
Bis(2-chloroisopropyl)ether	904	139	ug/kg dry	1390	ND	65.0	10-130		8.26	30		
Bis(2-ethylhexyl)phthalate	1.06	0.139	mg/kg dry	1.39	ND	75.9	10-138		13.4	30		
Bis(2-ethylhexyl)phthalate	1060	139	ug/kg dry	1390	ND	75.9	10-138		13.4	30		
Caprolactam	0.850	0.278	mg/kg dry	1.39	ND	61.0	10-100		26.1	30		
Carbazole	1.07	0.139	"	1.39	ND	76.8	24-139		6.35	30		
Carbazole	1070	139	ug/kg dry	1390	ND	76.8	24-139		6.35	30		
Chrysene	1.18	0.139	mg/kg dry	1.39	0.678	35.9	18-133		10.7	30		
Chrysene	1180	139	ug/kg dry	1390	678	35.9	18-133		10.7	30		
Dibenzo(a,h)anthracene	890	139	"	1390	80.6	58.1	10-146		5.48	30		
Dibenzo(a,h)anthracene	0.890	0.139	mg/kg dry	1.39	0.0806	58.1	10-146		5.48	30		
Dibenzofuran	956	139	ug/kg dry	1390	ND	68.7	26-134		20.9	30		
Dibenzofuran	0.956	0.139	mg/kg dry	1.39	ND	68.7	26-134		20.9	30		
Diethyl phthalate	981	139	ug/kg dry	1390	ND	70.5	30-119		19.7	30		
Diethyl phthalate	0.981	0.139	mg/kg dry	1.39	ND	70.5	30-119		19.7	30		
Dimethyl phthalate	1.03	0.139	"	1.39	ND	74.2	34-120		18.0	30		
Dimethyl phthalate	1030	139	ug/kg dry	1390	ND	74.2	34-120		18.0	30		
Di-n-butyl phthalate	0.958	0.139	mg/kg dry	1.39	ND	68.8	20-128		10.2	30		
Di-n-butyl phthalate	958	139	ug/kg dry	1390	ND	68.8	20-128		10.2	30		
Di-n-octyl phthalate	0.875	0.139	mg/kg dry	1.39	ND	62.9	10-133		20.2	30		
Di-n-octyl phthalate	875	139	ug/kg dry	1390	ND	62.9	10-133		20.2	30		
Fluoranthene	1660	139	"	1390	1270	28.0	10-155		8.46	30		
Fluoranthene	1.66	0.139	mg/kg dry	1.39	1.27	28.0	10-155		8.46	30		
Fluorene	971	139	ug/kg dry	1390	ND	69.8	12-150		14.4	30		
Fluorene	0.971	0.139	mg/kg dry	1.39	ND	69.8	12-150		14.4	30		
Hexachlorobenzene	0.811	0.139	"	1.39	ND	58.2	16-142		14.8	30		
Hexachlorobenzene	811	139	ug/kg dry	1390	ND	58.2	16-142		14.8	30		
Hexachlorobutadiene	0.851	0.139	mg/kg dry	1.39	ND	61.1	11-150		11.7	30		



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 BE71533 - EPA 3550C											
Matrix Spike Dup (BE71533-MSD1)	*Source sample: 17E0947-11 (SB-7 (8-9)-20170523)						Prepared: 05/31/2017 Analyzed: 06/01/2017				
Hexachlorobutadiene	851	139	ug/kg dry	1390	ND	61.1	11-150		11.7	30	
Hexachlorocyclopentadiene	0.349	0.139	mg/kg dry	1.39	ND	25.0	10-115		34.2	30	Non-dir.
Hexachlorocyclopentadiene	349	139	ug/kg dry	1390	ND	25.0	10-115		34.2	30	Non-dir.
Hexachloroethane	656	139	"	1390	ND	47.1	14-106		14.5	30	
Hexachloroethane	0.656	0.139	mg/kg dry	1.39	ND	47.1	14-106		14.5	30	
Indeno(1,2,3-cd)pyrene	0.954	0.139	"	1.39	0.389	40.6	10-155		7.31	30	
Indeno(1,2,3-cd)pyrene	954	139	ug/kg dry	1390	389	40.6	10-155		7.31	30	
Isophorone	1.11	0.139	mg/kg dry	1.39	ND	79.4	14-127		1.32	30	
Isophorone	1110	139	ug/kg dry	1390	ND	79.4	14-127		1.32	30	
Naphthalene	956	139	"	1390	ND	68.7	15-132		13.6	30	
Naphthalene	0.956	0.139	mg/kg dry	1.39	ND	68.7	15-132		13.6	30	
Nitrobenzene	0.850	0.139	"	1.39	ND	61.0	18-125		12.4	30	
Nitrobenzene	850	139	ug/kg dry	1390	ND	61.0	18-125		12.4	30	
N-Nitrosodimethylamine	0.828	0.139	mg/kg dry	1.39	ND	59.5	10-123		6.75	30	
N-Nitrosodimethylamine	828	139	ug/kg dry	1390	ND	59.5	10-123		6.75	30	
N-nitroso-di-n-propylamine	867	139	"	1390	ND	62.3	23-115		7.42	30	
N-nitroso-di-n-propylamine	0.867	0.139	mg/kg dry	1.39	ND	62.3	23-115		7.42	30	
N-Nitrosodiphenylamine	1030	139	ug/kg dry	1390	ND	74.2	16-166		17.2	30	
N-Nitrosodiphenylamine	1.03	0.139	mg/kg dry	1.39	ND	74.2	16-166		17.2	30	
Pentachlorophenol	0.438	0.139	"	1.39	ND	31.4	10-160		12.9	30	
Phenanthrene	1290	139	ug/kg dry	1390	513	55.7	10-151		3.65	30	
Phenanthrene	1.29	0.139	mg/kg dry	1.39	0.513	55.7	10-151		3.65	30	
Phenol	0.911	0.139	"	1.39	ND	65.4	11-124		11.7	30	
Pyrene	1750	139	ug/kg dry	1390	1480	20.0	13-148		5.55	30	
Pyrene	1.75	0.139	mg/kg dry	1.39	1.48	20.0	13-148		5.55	30	
Pyridine	595	558	ug/kg dry	1390	ND	42.7	10-125		2.41	30	
<i>Surrogate: 2-Fluorophenol</i>	<i>1.64</i>		<i>mg/kg dry</i>	<i>4.34</i>		<i>37.8</i>	<i>20-108</i>				
<i>Surrogate: Phenol-d5</i>	<i>2.40</i>		<i>"</i>	<i>4.28</i>		<i>56.0</i>	<i>23-114</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1680</i>		<i>ug/kg dry</i>	<i>3200</i>		<i>52.6</i>	<i>22-108</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1.68</i>		<i>mg/kg dry</i>	<i>3.20</i>		<i>52.6</i>	<i>22-108</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1.71</i>		<i>"</i>	<i>2.85</i>		<i>60.2</i>	<i>21-113</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1710</i>		<i>ug/kg dry</i>	<i>2850</i>		<i>60.2</i>	<i>21-113</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>0.973</i>		<i>mg/kg dry</i>	<i>4.35</i>		<i>22.4</i>	<i>19-110</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1.31</i>		<i>"</i>	<i>2.79</i>		<i>46.8</i>	<i>24-116</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1310</i>		<i>ug/kg dry</i>	<i>2790</i>		<i>46.8</i>	<i>24-116</i>				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					RPD	

Batch BE71293 - EPA SW846-3510C Low Level

Blank (BE71293-BLK1)

Prepared: 05/25/2017 Analyzed: 05/26/2017

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								

<i>Surrogate: Decachlorobiphenyl</i>	0.119		"	0.200	59.3	30-150					
<i>Surrogate: Tetrachloro-m-xylene</i>	0.120		"	0.200	60.0	30-150					

LCS (BE71293-BS1)

Prepared: 05/25/2017 Analyzed: 05/26/2017

4,4'-DDD	0.0873	0.00400	ug/L	0.100	87.3	40-140					
4,4'-DDE	0.0862	0.00400	"	0.100	86.2	40-140					
4,4'-DDT	0.0821	0.00400	"	0.100	82.1	40-140					
Aldrin	0.0789	0.00400	"	0.100	78.9	40-140					
alpha-BHC	0.0865	0.00400	"	0.100	86.5	40-140					
alpha-Chlordane	0.0731	0.00400	"	0.100	73.1	40-140					
beta-BHC	0.0725	0.00400	"	0.100	72.5	40-140					
delta-BHC	0.0819	0.00400	"	0.100	81.9	40-140					
Dieldrin	0.0762	0.00200	"	0.100	76.2	40-140					
Endosulfan I	0.0743	0.00400	"	0.100	74.3	40-140					
Endosulfan II	0.0764	0.00400	"	0.100	76.4	40-140					
Endosulfan sulfate	0.0753	0.00400	"	0.100	75.3	40-140					
Endrin	0.0803	0.00400	"	0.100	80.3	40-140					
Endrin aldehyde	0.0736	0.0100	"	0.100	73.6	40-140					
Endrin ketone	0.0797	0.0100	"	0.100	79.7	40-140					
gamma-BHC (Lindane)	0.0811	0.00400	"	0.100	81.1	40-140					
gamma-Chlordane	0.0726	0.0100	"	0.100	72.6	40-140					
Heptachlor	0.0708	0.00400	"	0.100	70.8	40-140					
Heptachlor epoxide	0.0717	0.00400	"	0.100	71.7	40-140					
Methoxychlor	0.0798	0.00400	"	0.100	79.8	40-140					

<i>Surrogate: Decachlorobiphenyl</i>	0.117		"	0.200	58.5	30-150					
<i>Surrogate: Tetrachloro-m-xylene</i>	0.125		"	0.200	62.7	30-150					



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE71293 - EPA SW846-3510C Low Level

LCS Dup (BE71293-BSD1)

Prepared: 05/25/2017 Analyzed: 05/26/2017

4,4'-DDD	0.0753	0.00400	ug/L	0.100		75.3	40-140		14.6	20	
4,4'-DDE	0.0728	0.00400	"	0.100		72.8	40-140		16.9	20	
4,4'-DDT	0.0716	0.00400	"	0.100		71.6	40-140		13.6	20	
Aldrin	0.0703	0.00400	"	0.100		70.3	40-140		11.6	20	
alpha-BHC	0.0777	0.00400	"	0.100		77.7	40-140		10.7	20	
alpha-Chlordane	0.0644	0.00400	"	0.100		64.4	40-140		12.6	20	
beta-BHC	0.0646	0.00400	"	0.100		64.6	40-140		11.5	20	
delta-BHC	0.0723	0.00400	"	0.100		72.3	40-140		12.5	20	
Dieldrin	0.0670	0.00200	"	0.100		67.0	40-140		12.7	20	
Endosulfan I	0.0655	0.00400	"	0.100		65.5	40-140		12.6	20	
Endosulfan II	0.0673	0.00400	"	0.100		67.3	40-140		12.6	20	
Endosulfan sulfate	0.0673	0.00400	"	0.100		67.3	40-140		11.2	20	
Endrin	0.0701	0.00400	"	0.100		70.1	40-140		13.6	20	
Endrin aldehyde	0.0658	0.0100	"	0.100		65.8	40-140		11.1	20	
Endrin ketone	0.0723	0.0100	"	0.100		72.3	40-140		9.75	20	
gamma-BHC (Lindane)	0.0727	0.00400	"	0.100		72.7	40-140		11.0	20	
gamma-Chlordane	0.0638	0.0100	"	0.100		63.8	40-140		12.9	20	
Heptachlor	0.0638	0.00400	"	0.100		63.8	40-140		10.5	20	
Heptachlor epoxide	0.0637	0.00400	"	0.100		63.7	40-140		11.9	20	
Methoxychlor	0.0726	0.00400	"	0.100		72.6	40-140		9.36	20	
Surrogate: Decachlorobiphenyl	0.114		"	0.200		56.9	30-150				
Surrogate: Tetrachloro-m-xylene	0.115		"	0.200		57.7	30-150				

Batch BE71308 - EPA 3550C

Blank (BE71308-BLK1)

Prepared & Analyzed: 05/25/2017

4,4'-DDD	ND	0.330	ug/kg wet								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Aldrin	ND	0.330	"								
alpha-BHC	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
beta-BHC	ND	0.330	"								
Chlordane, total	ND	6.60	"								
delta-BHC	ND	0.330	"								
Dieldrin	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endrin	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin ketone	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								
Surrogate: Decachlorobiphenyl	42.0		"	66.7		63.0	30-150				
Surrogate: Tetrachloro-m-xylene	43.1		"	66.7		64.6	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Limits	Flag	RPD	RPD	Flag
		Limit			Result	%REC				Limit	
Batch BE71308 - EPA 3550C											
LCS (BE71308-BS1)											Prepared & Analyzed: 05/25/2017
4,4'-DDD	31.7	0.330	ug/kg wet	33.3		95.1	40-140				
4,4'-DDE	31.0	0.330	"	33.3		93.0	40-140				
4,4'-DDT	29.3	0.330	"	33.3		88.0	40-140				
Aldrin	26.7	0.330	"	33.3		80.1	40-140				
alpha-BHC	29.4	0.330	"	33.3		88.1	40-140				
alpha-Chlordane	25.0	0.330	"	33.3		75.0	40-140				
beta-BHC	25.1	0.330	"	33.3		75.2	40-140				
delta-BHC	28.9	0.330	"	33.3		86.7	40-140				
Dieldrin	26.5	0.330	"	33.3		79.4	40-140				
Endosulfan I	25.5	0.330	"	33.3		76.4	40-140				
Endosulfan II	26.5	0.330	"	33.3		79.6	40-140				
Endosulfan sulfate	26.8	0.330	"	33.3		80.3	40-140				
Endrin	27.8	0.330	"	33.3		83.3	40-140				
Endrin aldehyde	25.9	0.330	"	33.3		77.7	40-140				
Endrin ketone	28.0	0.330	"	33.3		84.1	40-140				
gamma-BHC (Lindane)	27.5	0.330	"	33.3		82.5	40-140				
gamma-Chlordane	24.9	0.330	"	33.3		74.7	40-140				
Heptachlor	24.2	0.330	"	33.3		72.5	40-140				
Heptachlor epoxide	24.5	0.330	"	33.3		73.5	40-140				
Methoxychlor	29.2	1.65	"	33.3		87.7	40-140				
<i>Surrogate: Decachlorobiphenyl</i>	<i>42.6</i>		<i>"</i>	<i>66.7</i>		<i>64.0</i>	<i>30-150</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>44.9</i>		<i>"</i>	<i>66.7</i>		<i>67.3</i>	<i>30-150</i>				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BE71293 - EPA SW846-3510C Low Level

Blank (BE71293-BLK2)

Prepared & Analyzed: 05/25/2017

Aroclor 1016	ND	0.0500	ug/L										
Aroclor 1221	ND	0.0500	"										
Aroclor 1232	ND	0.0500	"										
Aroclor 1242	ND	0.0500	"										
Aroclor 1248	ND	0.0500	"										
Aroclor 1254	ND	0.0500	"										
Aroclor 1260	ND	0.0500	"										
Total PCBs	ND	0.0500	"										
<i>Surrogate: Tetrachloro-m-xylene</i>	0.138		"	0.200		69.0		30-120					
<i>Surrogate: Decachlorobiphenyl</i>	0.147		"	0.200		73.5		30-120					

LCS (BE71293-BS2)

Prepared & Analyzed: 05/25/2017

Aroclor 1016	0.688	0.0500	ug/L	1.00		68.8		40-120					
Aroclor 1260	0.795	0.0500	"	1.00		79.5		40-120					
<i>Surrogate: Tetrachloro-m-xylene</i>	0.126		"	0.200		63.0		30-120					
<i>Surrogate: Decachlorobiphenyl</i>	0.137		"	0.200		68.5		30-120					

LCS Dup (BE71293-BS2)

Prepared & Analyzed: 05/25/2017

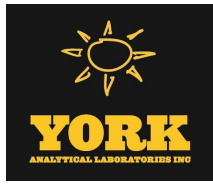
Aroclor 1016	0.772	0.0500	ug/L	1.00		77.2		40-120	11.5	30			
Aroclor 1260	0.852	0.0500	"	1.00		85.2		40-120	6.90	30			
<i>Surrogate: Tetrachloro-m-xylene</i>	0.227		"	0.200		114		30-120					
<i>Surrogate: Decachlorobiphenyl</i>	0.174		"	0.200		87.0		30-120					

Batch BE71308 - EPA 3550C

Blank (BE71308-BLK2)

Prepared & Analyzed: 05/25/2017

Aroclor 1016	ND	0.0167	mg/kg wet										
Aroclor 1221	ND	0.0167	"										
Aroclor 1232	ND	0.0167	"										
Aroclor 1242	ND	0.0167	"										
Aroclor 1248	ND	0.0167	"										
Aroclor 1254	ND	0.0167	"										
Aroclor 1260	ND	0.0167	"										
Total PCBs	ND	0.0167	"										
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0430		"	0.0667		64.5		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	0.0427		"	0.0667		64.0		30-140					



Polychlorinated Biphenyls by GC/ECD - 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 BE71308 - EPA 3550C											
LCS (BE71308-BS2)										Prepared & Analyzed: 05/25/2017	
Aroclor 1016	0.344	0.0167	mg/kg wet	0.333		103	40-130				
Aroclor 1260	0.346	0.0167	"	0.333		104	40-130				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0453</i>		"	<i>0.0667</i>		<i>68.0</i>	<i>30-140</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0463</i>		"	<i>0.0667</i>		<i>69.5</i>	<i>30-140</i>				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	
		Limit								Limit	Flag

Batch BE71423 - EPA 3050B

Blank (BE71423-BLK1)

Prepared: 05/26/2017 Analyzed: 06/04/2017

Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.300	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								

Reference (BE71423-SRM1)

Prepared: 05/26/2017 Analyzed: 06/04/2017

Aluminum	7670	5.00	mg/kg wet	8080	95.0	39.6-160.89					
Antimony	52.8	0.500	"	88.2	59.9	19.6-259.6					
Arsenic	55.0	1.00	"	57.0	96.5	67-161.9					
Barium	107	1.00	"	110	97.4	72-129.1					
Beryllium	68.1	0.100	"	67.5	101	73.8-126.4					
Cadmium	75.5	0.300	"	77.8	97.0	73.3-126.7					
Calcium	6030	5.00	"	6450	93.5	73.9-126.9					
Chromium	62.1	0.500	"	65.0	95.5	68.2-132					
Cobalt	59.9	0.500	"	58.8	102	74.3-125.7					
Copper	55.9	0.500	"	56.4	99.1	72.5-131.4					
Iron	13700	2.00	"	14700	93.1	36.4-163.9					
Lead	79.2	0.300	"	85.6	92.5	69.7-130.8					
Magnesium	2490	5.00	"	2710	91.9	64.6-135.1					
Manganese	274	0.500	"	273	100	73.9-126					
Nickel	63.7	0.500	"	61.3	104	70.3-129.7					
Potassium	2390	5.00	"	2420	98.6	60.3-140.1					
Selenium	77.9	1.00	"	78.9	98.8	63.2-136.9					
Silver	11.8	0.500	"	54.2	21.7	66.8-133.4	Low Bias				
Sodium	859	10.0	"	914	94.0	59.2-141.1					
Thallium	174	1.00	"	178	97.9	68.5-130.9					
Vanadium	52.7	1.00	"	56.3	93.6	53.3-146.5					
Zinc	191	1.00	"	198	96.4	69.7-129.8					



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit								RPD	Limit

Batch BE71463 - EPA 3015A

Blank (BE71463-BLK1)

Prepared: 05/30/2017 Analyzed: 05/31/2017

Aluminum - Dissolved	ND	0.0500	mg/L
Barium - Dissolved	ND	0.0100	"
Calcium - Dissolved	ND	0.0500	"
Chromium - Dissolved	ND	0.00500	"
Copper - Dissolved	ND	0.00300	"
Iron - Dissolved	ND	0.0200	"
Lead - Dissolved	ND	0.00300	"
Magnesium - Dissolved	ND	0.0500	"
Manganese - Dissolved	ND	0.00500	"
Nickel - Dissolved	ND	0.00500	"
Potassium - Dissolved	ND	0.0500	"
Silver - Dissolved	ND	0.00500	"
Sodium - Dissolved	ND	0.100	"
Vanadium - Dissolved	ND	0.0100	"
Zinc - Dissolved	ND	0.0100	"

Reference (BE71463-SRM1)

Prepared: 05/30/2017 Analyzed: 06/01/2017

Aluminum - Dissolved	1.03	ug/mL	0.889	115	81.4-117.2
Barium - Dissolved	0.575	"	0.570	101	85-115
Calcium - Dissolved	133	"	126	106	86.5-114.3
Chromium - Dissolved	0.263	"	0.260	101	85-115
Copper - Dissolved	0.446	"	0.420	106	85-115
Iron - Dissolved	0.755	"	0.759	99.4	84.9-115
Lead - Dissolved	0.140	"	0.140	99.8	85-115
Magnesium - Dissolved	119	"	115	104	86.3-114.8
Manganese - Dissolved	0.827	"	0.819	101	84.9-115
Nickel - Dissolved	0.530	"	0.510	104	87-113.7
Potassium - Dissolved	73.2	"	65.3	112	84.9-115
Silver - Dissolved	0.483	"	0.510	94.7	85-115
Sodium - Dissolved	171	"	161	106	85-115
Vanadium - Dissolved	0.908	"	0.909	99.9	85-114.9
Zinc - Dissolved	0.657	"	0.679	96.7	84.9-115



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit								Limit			

Batch BE71470 - EPA 3015A

Blank (BE71470-BLK1)

Prepared: 05/30/2017 Analyzed: 05/31/2017

Aluminum	ND	0.0500	mg/L										
Barium	ND	0.0100	"										
Calcium	ND	0.0500	"										
Chromium	ND	0.00500	"										
Copper	ND	0.00300	"										
Iron	ND	0.0200	"										
Lead	ND	0.00300	"										
Magnesium	ND	0.0500	"										
Manganese	ND	0.00500	"										
Nickel	ND	0.00500	"										
Potassium	ND	0.0500	"										
Silver	ND	0.00500	"										
Sodium	ND	0.100	"										
Vanadium	ND	0.0100	"										
Zinc	ND	0.0100	"										

Reference (BE71470-SRM1)

Prepared: 05/30/2017 Analyzed: 05/31/2017

Aluminum	0.975		ug/mL	0.889	110	81.4-117.2							
Barium	0.572		"	0.570	100	85-115							
Calcium	127		"	126	101	86.5-114.3							
Chromium	0.263		"	0.260	101	85-115							
Copper	0.442		"	0.420	105	85-115							
Iron	0.774		"	0.759	102	84.9-115							
Lead	0.137		"	0.140	98.1	85-115							
Magnesium	117		"	115	101	86.3-114.8							
Manganese	0.828		"	0.819	101	84.9-115							
Nickel	0.526		"	0.510	103	87-113.7							
Potassium	68.0		"	65.3	104	84.9-115							
Silver	0.531		"	0.510	104	85-115							
Sodium	157		"	161	97.4	85-115							
Vanadium	0.912		"	0.909	100	85-114.9							
Zinc	0.681		"	0.679	100	84.9-115							



Metals by ICP/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit								RPD	Limit

Batch BF70108 - EPA 3015A

Blank (BF70108-BLK1)

Prepared & Analyzed: 06/02/2017

Antimony	ND	1.00	ug/L								
Arsenic	ND	1.00	"								
Beryllium	ND	0.300	"								
Cadmium	ND	0.500	"								
Molybdenum	ND	1.00	"								
Selenium	ND	1.00	"								
Thallium	ND	1.00	"								

Reference (BF70108-SRM1)

Prepared & Analyzed: 06/02/2017

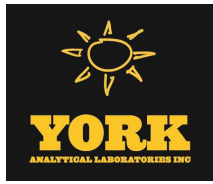
Antimony	40.8	1.00	ug/L	29.1	140	70.1-129.8	High Bias
Arsenic	10.8	1.00	"	6.56	164	69.9-130	High Bias
Beryllium	5.01	0.300	"	4.07	123	85-114.9	High Bias
Cadmium	37.2	0.500	"	26.7	139	80.1-119.8	High Bias
Molybdenum	64.2	1.00	"	50.4	127	84.9-115	High Bias
Selenium	66.1	1.00	"	43.8	151	79.9-120	High Bias
Thallium	4.12	1.00	"	4.08	101	70-129.9	

Batch BF70109 - EPA 3015A

Blank (BF70109-BLK1)

Prepared & Analyzed: 06/02/2017

Antimony - Dissolved	ND	1.00	ug/L				
Arsenic - Dissolved	ND	1.00	"				
Beryllium - Dissolved	ND	0.100	"				
Cadmium - Dissolved	0.683	0.500	"				
Molybdenum - Dissolved	ND	1.00	"				
Selenium - Dissolved	ND	1.00	"				
Thallium - Dissolved	ND	1.00	"				



Metals by ICP/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD	
		Limit	Units							Limit	Flag

Batch BF70109 - EPA 3015A

Duplicate (BF70109-DUP1)	*Source sample: 17E0947-12 (MW-1-20170523)						Prepared & Analyzed: 06/02/2017				
Antimony - Dissolved	ND	1.11	ug/L		ND						20
Arsenic - Dissolved	ND	1.11	"		1.12						20
Beryllium - Dissolved	ND	0.111	"		ND						20
Cadmium - Dissolved	ND	0.556	"		ND						20
Molybdenum - Dissolved	12.0	1.11	"		10.9				9.15		20
Selenium - Dissolved	4.33	1.11	"		4.25				1.89		20
Thallium - Dissolved	ND	1.11	"		ND						20

Matrix Spike (BF70109-MS1)	*Source sample: 17E0947-12 (MW-1-20170523)						Prepared & Analyzed: 06/02/2017				
Antimony - Dissolved	260	1.11	ug/L	222	ND	117	75-125				
Arsenic - Dissolved	119	1.11	"	111	1.12	107	75-125				
Beryllium - Dissolved	62.0	0.111	"	55.6	ND	112	75-125				
Cadmium - Dissolved	56.1	0.556	"	55.6	ND	101	75-125				
Molybdenum - Dissolved	12.4	1.11	"	111	10.9	1.37	75-125	Low Bias			
Selenium - Dissolved	63.6	1.11	"	55.6	4.25	107	75-125				
Thallium - Dissolved	55.0	1.11	"	55.6	ND	99.0	75-125				



Mercury by EPA 7000/200 Series Methods - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit								Level	Result
Batch BE71481 - EPA 7473 soil											
Blank (BE71481-BLK1)										Prepared & Analyzed: 05/30/2017	
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BE71481-DUP1)										*Source sample: 17E0947-01 (SB-8 (7.5-8.5)-20170523)	
										Prepared & Analyzed: 05/30/2017	
Mercury	0.421	0.0362	mg/kg dry		0.333					23.4	35
Matrix Spike (BE71481-MS1)										*Source sample: 17E0947-01 (SB-8 (7.5-8.5)-20170523)	
										Prepared & Analyzed: 05/30/2017	
Mercury	0.673		mg/kg	0.500	0.276	79.5	75-125				
Reference (BE71481-SRM1)										Prepared & Analyzed: 05/30/2017	
Mercury	15.118		mg/kg	13.8		110	51.4-168.8				
Batch BF70134 - EPA SW846-7470											
Blank (BF70134-BLK1)										Prepared & Analyzed: 06/02/2017	
Mercury - Dissolved	ND	0.0002000	mg/L								
Mercury	ND	0.0002	"								
LCS (BF70134-BS1)										Prepared & Analyzed: 06/02/2017	
Mercury - Dissolved	0.002110	0.0002000	mg/L	0.00200		105	80-120				
Mercury	0.002110	0.0002	"	0.00200		105	80-120				
LCS (BF70134-BS2)										Prepared & Analyzed: 06/02/2017	
Mercury	0.002077	0.0002	mg/L	0.00200		104	80-120				
Mercury - Dissolved	0.002077	0.0002000	"	0.00200		104	80-120				



Volatile Analysis Sample Containers

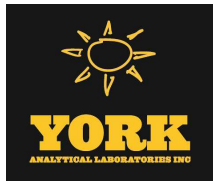
Lab ID	Client Sample ID	Volatile Sample Container
17E0947-01	SB-8 (7.5-8.5)-20170523	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
17E0947-02	SB-14 (7-8)-20170523	40mL Vial with Stir Bar-Cool 4° C
17E0947-03	SB-5 (1-2)-20170523	40mL Vial with Stir Bar-Cool 4° C
17E0947-04	SB-5 (11-12)-20170523	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
17E0947-05	SB-15 (8-9)-20170523	40mL Vial with Stir Bar-Cool 4° C
17E0947-06	SB-6 (4-5)-20170523	40mL Vial with Stir Bar-Cool 4° C
17E0947-07	SB-6 (8-9)-20170523	40mL Vial with Stir Bar-Cool 4° C
17E0947-08	SB-13 (8-9)-20170523	40mL Vial with Stir Bar-Cool 4° C
17E0947-09	SB-12 (8-9)-20170523	40mL Vial with Stir Bar-Cool 4° C
17E0947-10	SB-7 (1-2)-20170523	40mL Vial with Stir Bar-Cool 4° C
17E0947-11	SB-7 (8-9)-20170523	40mL Vial with Stir Bar-Cool 4° C
17E0947-12	MW-1-20170523	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17E0947-13	MW-5-20170523	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17E0947-14	TB-20170523	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
CCV-E	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.

*	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.



YORK Analytical Laboratories, Inc.
 120 Research Drive
 Stratford, CT 06615
 clientservices@yorklab.com
 www.yorklab.com

Field Chain-of-Custody Record

YORK Project No.
 17ED947

NOTE: 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.

Page 1 of 2

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: AKRF	Company: J Diggins	Company: Same	Company: J Diggins	Company: J Diggins	Company: J Diggins	Company: J Diggins	Company: J Diggins	Company: J Diggins	Company: J Diggins
Address: 440 Park Ave S	Address: Same	Address: Same	Address: Same	Address: Same	Address: Same	Address: Same	Address: Same	Address: Same	Address: Same
Phone: NY NY 10016	Phone: Same	Phone: Same	Phone: Same	Phone: Same	Phone: Same	Phone: Same	Phone: Same	Phone: Same	Phone: Same
Contact: 606 388 9565	Contact: M Lewy	Contact: Same	Contact: J Diggins	Contact: J Diggins	Contact: J Diggins	Contact: J Diggins	Contact: J Diggins	Contact: J Diggins	Contact: J Diggins
E-mail: m.lewy@akrf.com	E-mail: m.lewy@akrf.com	E-mail: Same	E-mail: JDiggins@AKRF.com	E-mail: JDiggins@AKRF.com	E-mail: JDiggins@AKRF.com	E-mail: JDiggins@AKRF.com	E-mail: JDiggins@AKRF.com	E-mail: JDiggins@AKRF.com	E-mail: JDiggins@AKRF.com

Matrix Codes

S - soil / solid	<input checked="" type="checkbox"/>
GW - groundwater	
DW - drinking water	
WW - wastewater	
O - Oil ; Other	

Report / EDD Type (circle selections)

Summary Report	CT RCP	Standard Excel EDD
QA Report	CT RCP DQ/DUE	EQUIS (Standard)
NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQUIS
NY ASP B Package	NJDEP SRP HazSite	
	NJDKQP	Other:

YORK Reg. Comp.
 Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-8(7.5-8.5)-20170523	S	5/23/17 08:30	VOCS, SVOLCS-BN, Metals	
SB-14(7-8)-20170523	S	08:40	VOCS, SVOLCS-BN, Metals	
SB-5(1.2)-20170523	S	09:45	VOCS, SVOLCS, Metals, PCBs, Pesticides	
SB-5(11-12)-20170523	S	10:00	VOCS, SVOLCS, Metals, PCBs, Pesticides	
SB-15(8-9)-20170523	S	10:30	VOCS, SVOLCS-BN, Metals	
SB-6(4-5)-20170523	S	11:40	VOCS, SVOLCS, Metals, PCBs, Pesticides	
SB-6(8-9)-20170523	S	12:00	VOCS, SVOLCS, Metals, PCBs, Pesticides	
SB-13(8-9)-20170523	S	13:30	VOCS, SVOLCS-BN, Metals	
SB-12(8-9)-20170523	S	14:00	VOCS, SVOLCS-BN, Metals	
SB-7(1-2)-20170523	S	14:30	VOCS, SVOLCS, Metals, PCBs, Pesticides	

Comments:

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

Samples Relinquished by / Company

AKRF	5/23/17 16:00	JAMES BOONE	5/23/17 16:00
------	---------------	-------------	---------------

Samples Received by / Company

--	--	--	--

Temp. Received at Lab 3.9 Degrees C



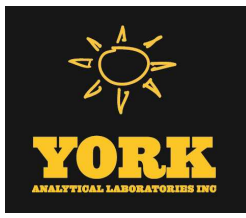
Field Chain-of-Custody Record

NOTE: 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.
 17E0947

Page 2 of 2

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:		Company:		Company:		YOUR Project Name		RUSH - Next Day	
Address:		Address:		Address:				RUSH - Two Day	
Phone:		Phone:		Phone:				RUSH - Three Day	
Contact:		Contact:		Contact:				RUSH - Four Day	
E-mail:		E-mail:		E-mail:				Standard (5-7 Day)	<input checked="" type="checkbox"/>
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.		Matrix Codes S - soil / solid GW - groundwater DW - drinking water WW - wastewater O - Oil ; Other		Samples From New York New Jersey Connecticut Pennsylvania Other		Report / EDD Type (circle selections) Summary Report QA Report NY ASP A Package NY ASP B Package		YORK Reg. Comp. Compared to the following Regulation(s): (please fill in)	
Samples Collected by: (print your name above and sign below) Matthew Stew 		Sample Matrix S GW GW		Date/Time Sampled 5/23 1500 5/23 0455 5/23 1445 5/23 0700		Analysis Requested VOCs, SVOCs, Metals, PCBs, Res VOCs, SVOCs, Metals (Total/Dissolved), PCBs, Res VOCs, SVOCs, Metals (Total/Dissolved), PCBs, Res VOCs		Container Description	
Sample Identification SB-T(8-9)-20170523 MW-1-20170523 MW-5-20170523 TB-20170523									
Comments: Preservation: (check all that apply) HCl <input checked="" type="checkbox"/> MeOH ___ HNO3 ___ H2SO4 <input checked="" type="checkbox"/> NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ICE									
Samples Relinquished by / Company YORK LAB Date/Time 5/23/17 1000		Samples Received by / Company SAVES BONES Date/Time 5/23/17 1600		Samples Relinquished by / Company Date/Time		Samples Received by / Company Date/Time		Special Instruction Field Filtered Lab to Filter <input checked="" type="checkbox"/>	
Samples Relinquished by / Company Date/Time		Samples Received by / Company Date/Time		Samples Relinquished by / Company Date/Time		Samples Received by / Company Date/Time		Temp. Received at Lab 3.9 Degrees C	



Technical Report

prepared for:

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York NY, 10016
Attention: Matthew Levy

Report Date: 05/31/2017
Client Project ID: 170178 38-21 12th St
York Project (SDG) No.: 17E1019

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
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STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 05/31/2017
Client Project ID: 170178 38-21 12th St
York Project (SDG) No.: 17E1019

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York NY, 10016
Attention: Matthew Levy

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 May 24, 2017 and listed below. The project was identified as your project: **170178 38-21 12th St.**

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 Notes 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 attachment to 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17E1019-01	SV-1-20170524	Soil Vapor	05/24/2017	05/24/2017
17E1019-02	SV-2-20170524	Soil Vapor	05/24/2017	05/24/2017
17E1019-03	SV-5-20170524	Soil Vapor	05/24/2017	05/24/2017
17E1019-04	SV-6-20170524	Soil Vapor	05/24/2017	05/24/2017
17E1019-05	SV-7-20170524	Soil Vapor	05/24/2017	05/24/2017

General Notes for York Project (SDG) No.: 17E1019

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
9. 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:



Benjamin Gulizia
Laboratory Director

Date: 05/31/2017





Sample Information

Client Sample ID: SV-1-20170524

York Sample ID: 17E1019-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E1019	170178 38-21 12th St	Soil Vapor	May 24, 2017 12:00 pm	05/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications:	05/26/2017 14:57	05/26/2017 14:57	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	12	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	16	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	12	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	8.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	16	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	16	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	13	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	14	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	13	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	9.9	21.45	EPA TO-15 Certifications:	05/26/2017 14:57	05/26/2017 14:57	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	13	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
78-93-3	2-Butanone	35		ug/m ³	6.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	18	21.45	EPA TO-15 Certifications:	05/26/2017 14:57	05/26/2017 14:57	LDS



Sample Information

Client Sample ID: SV-1-20170524

York Sample ID: 17E1019-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E1019

170178 38-21 12th St

Soil Vapor

May 24, 2017 12:00 pm

05/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m ³	34	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
67-64-1	Acetone	ND		ug/m ³	10	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	4.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
71-43-2	Benzene	ND		ug/m ³	6.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	14	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
75-25-2	Bromoform	ND		ug/m ³	22	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
74-83-9	Bromomethane	ND		ug/m ³	8.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
75-15-0	Carbon disulfide	7.3		ug/m ³	6.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	9.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
75-00-3	Chloroethane	ND		ug/m ³	5.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
67-66-3	Chloroform	ND		ug/m ³	10	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
110-82-7	Cyclohexane	ND		ug/m ³	7.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	18	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	15	21.45	EPA TO-15 Certifications:	05/26/2017 14:57	05/26/2017 14:57	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	9.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	23	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS



Sample Information

Client Sample ID: SV-1-20170524

York Sample ID: 17E1019-01

York Project (SDG) No.

Client Project ID

Matrix

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170178 38-21 12th St

Soil Vapor

May 24, 2017 12:00 pm

05/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
75-09-2	Methylene chloride	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
142-82-5	n-Heptane	ND		ug/m ³	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
110-54-3	n-Hexane	ND		ug/m ³	7.6	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
95-47-6	o-Xylene	ND		ug/m ³	9.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	19	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	11	21.45	EPA TO-15 Certifications:	05/26/2017 14:57	05/26/2017 14:57	LDS
115-07-1	* Propylene	ND		ug/m ³	3.7	21.45	EPA TO-15 Certifications:	05/26/2017 14:57	05/26/2017 14:57	LDS
100-42-5	Styrene	ND		ug/m ³	9.1	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
127-18-4	Tetrachloroethylene	4.4		ug/m ³	3.6	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	13	21.45	EPA TO-15 Certifications:	05/26/2017 14:57	05/26/2017 14:57	LDS
108-88-3	Toluene	27		ug/m ³	8.1	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	12	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	7.6	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	9.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	5.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 14:57	05/26/2017 14:57	LDS
	Surrogate Recoveries	Result					Acceptance Range			
460-00-4	Surrogate: p-Bromofluorobenzene	95.6 %					72-118			



Sample Information

Client Sample ID: SV-2-20170524

York Sample ID: 17E1019-02

York Project (SDG) No.

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170178 38-21 12th St

Soil Vapor

May 24, 2017 12:00 pm

05/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 16:34	LDS
71-55-6	1,1,1-Trichloroethane	59		ug/m ³	12	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	16	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	12	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
75-34-3	1,1-Dichloroethane	25		ug/m ³	8.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	16	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	16	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	13	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	14	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	13	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	9.9	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 16:34	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	13	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
78-93-3	2-Butanone	62		ug/m ³	6.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	18	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 16:34	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	34	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS



Sample Information

Client Sample ID: SV-2-20170524

York Sample ID: 17E1019-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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17E1019

170178 38-21 12th St

Soil Vapor

May 24, 2017 12:00 pm

05/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
67-64-1	Acetone	200		ug/m ³	10	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	4.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
71-43-2	Benzene	ND		ug/m ³	6.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	14	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
75-25-2	Bromoform	ND		ug/m ³	22	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
74-83-9	Bromomethane	ND		ug/m ³	8.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
75-15-0	Carbon disulfide	38		ug/m ³	6.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
56-23-5	Carbon tetrachloride	950		ug/m ³	3.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	9.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
75-00-3	Chloroethane	ND		ug/m ³	5.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
67-66-3	Chloroform	320		ug/m ³	10	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
110-82-7	Cyclohexane	ND		ug/m ³	7.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	18	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	15	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 16:34	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	9.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	23	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
67-63-0	Isopropanol	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS



Sample Information

Client Sample ID: SV-2-20170524

York Sample ID: 17E1019-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E1019

170178 38-21 12th St

Soil Vapor

May 24, 2017 12:00 pm

05/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
75-09-2	Methylene chloride	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
142-82-5	n-Heptane	ND		ug/m ³	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
110-54-3	n-Hexane	ND		ug/m ³	7.6	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
95-47-6	o-Xylene	ND		ug/m ³	9.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	19	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	11	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 16:34	LDS
115-07-1	* Propylene	12		ug/m ³	3.7	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 16:34	LDS
100-42-5	Styrene	ND		ug/m ³	9.1	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
127-18-4	Tetrachloroethylene	5.8		ug/m ³	3.6	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	13	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 16:34	LDS
108-88-3	Toluene	18		ug/m ³	8.1	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	12	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	7.6	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	9.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	5.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 16:34	LDS
	Surrogate Recoveries	Result		Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	96.8 %		72-118						



Sample Information

Client Sample ID: SV-5-20170524

York Sample ID: 17E1019-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E1019

170178 38-21 12th St

Soil Vapor

May 24, 2017 12:00 pm

05/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 17:22	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	12	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	16	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	12	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	8.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	16	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	16	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	13	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	14	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	13	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	9.9	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 17:22	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	13	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
78-93-3	2-Butanone	46		ug/m ³	6.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	18	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 17:22	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	34	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS



Sample Information

Client Sample ID: SV-5-20170524

York Sample ID: 17E1019-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E1019

170178 38-21 12th St

Soil Vapor

May 24, 2017 12:00 pm

05/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
67-64-1	Acetone	ND		ug/m ³	10	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	4.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
71-43-2	Benzene	ND		ug/m ³	6.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	14	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
75-25-2	Bromoform	ND		ug/m ³	22	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
74-83-9	Bromomethane	ND		ug/m ³	8.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	6.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
56-23-5	Carbon tetrachloride	85		ug/m ³	3.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	9.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
75-00-3	Chloroethane	ND		ug/m ³	5.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
67-66-3	Chloroform	28		ug/m ³	10	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
110-82-7	Cyclohexane	ND		ug/m ³	7.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	18	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	15	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 17:22	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	9.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	23	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
67-63-0	Isopropanol	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS



Sample Information

Client Sample ID: SV-5-20170524

York Sample ID: 17E1019-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E1019

170178 38-21 12th St

Soil Vapor

May 24, 2017 12:00 pm

05/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
75-09-2	Methylene chloride	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
142-82-5	n-Heptane	ND		ug/m ³	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
110-54-3	n-Hexane	ND		ug/m ³	7.6	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
95-47-6	o-Xylene	ND		ug/m ³	9.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	19	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	11	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 17:22	LDS
115-07-1	* Propylene	5.9		ug/m ³	3.7	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 17:22	LDS
100-42-5	Styrene	ND		ug/m ³	9.1	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
127-18-4	Tetrachloroethylene	7.3		ug/m ³	3.6	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	13	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 17:22	LDS
108-88-3	Toluene	19		ug/m ³	8.1	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	12	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	7.6	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	9.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	5.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 17:22	LDS
	Surrogate Recoveries	Result		Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	95.6 %		72-118						



Sample Information

Client Sample ID: SV-6-20170524

York Sample ID: 17E1019-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E1019

170178 38-21 12th St

Soil Vapor

May 24, 2017 12:00 pm

05/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 18:09	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	12	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	16	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	12	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	8.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	16	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	16	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	13	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	14	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	13	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	9.9	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 18:09	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	13	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
78-93-3	2-Butanone	55		ug/m ³	6.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	18	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 18:09	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	34	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS



Sample Information

Client Sample ID: SV-6-20170524

York Sample ID: 17E1019-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E1019

170178 38-21 12th St

Soil Vapor

May 24, 2017 12:00 pm

05/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
67-64-1	Acetone	10		ug/m ³	10	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	4.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
71-43-2	Benzene	ND		ug/m ³	6.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	14	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
75-25-2	Bromoform	ND		ug/m ³	22	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
74-83-9	Bromomethane	ND		ug/m ³	8.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
75-15-0	Carbon disulfide	9.4		ug/m ³	6.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	9.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
75-00-3	Chloroethane	ND		ug/m ³	5.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
67-66-3	Chloroform	ND		ug/m ³	10	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
110-82-7	Cyclohexane	ND		ug/m ³	7.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	18	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	9.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	23	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
67-63-0	Isopropanol	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS



Sample Information

Client Sample ID: SV-6-20170524

York Sample ID: 17E1019-04

<u>York Project (SDG) No.</u> 17E1019	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> May 24, 2017 12:00 pm	<u>Date Received</u> 05/24/2017
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Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
75-09-2	Methylene chloride	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
142-82-5	n-Heptane	ND		ug/m ³	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
110-54-3	n-Hexane	ND		ug/m ³	7.6	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
95-47-6	o-Xylene	ND		ug/m ³	9.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	19	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	11	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 18:09	LDS
115-07-1	* Propylene	4.4		ug/m ³	3.7	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 18:09	LDS
100-42-5	Styrene	ND		ug/m ³	9.1	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
127-18-4	Tetrachloroethylene	ND		ug/m ³	3.6	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	13	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 18:09	LDS
108-88-3	Toluene	31		ug/m ³	8.1	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	12	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	7.6	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	9.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	5.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:09	LDS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	96.0 %	72-118							



Sample Information

Client Sample ID: SV-7-20170524

York Sample ID: 17E1019-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E1019

170178 38-21 12th St

Soil Vapor

May 24, 2017 12:00 pm

05/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 18:57	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	12	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	16	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	12	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	8.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	16	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	16	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	13	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	14	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	13	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	9.9	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 18:57	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	13	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
78-93-3	2-Butanone	46		ug/m ³	6.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	18	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 18:57	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	34	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS



Sample Information

Client Sample ID: SV-7-20170524

York Sample ID: 17E1019-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E1019

170178 38-21 12th St

Soil Vapor

May 24, 2017 12:00 pm

05/24/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
67-64-1	Acetone	14		ug/m ³	10	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	4.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
71-43-2	Benzene	ND		ug/m ³	6.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	14	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
75-25-2	Bromoform	ND		ug/m ³	22	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
74-83-9	Bromomethane	ND		ug/m ³	8.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
75-15-0	Carbon disulfide	10		ug/m ³	6.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	9.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
75-00-3	Chloroethane	ND		ug/m ³	5.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
67-66-3	Chloroform	ND		ug/m ³	10	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
110-82-7	Cyclohexane	ND		ug/m ³	7.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	18	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	9.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	23	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
67-63-0	Isopropanol	ND		ug/m ³	11	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS



Sample Information

Client Sample ID: SV-7-20170524

York Sample ID: 17E1019-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E1019

170178 38-21 12th St

Soil Vapor

May 24, 2017 12:00 pm

05/24/2017

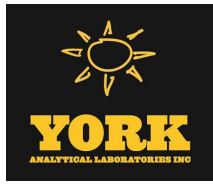
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
75-09-2	Methylene chloride	ND		ug/m ³	15	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
142-82-5	n-Heptane	ND		ug/m ³	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
110-54-3	n-Hexane	ND		ug/m ³	7.6	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
95-47-6	o-Xylene	ND		ug/m ³	9.3	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	19	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	11	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 18:57	LDS
115-07-1	* Propylene	5.5		ug/m ³	3.7	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 18:57	LDS
100-42-5	Styrene	ND		ug/m ³	9.1	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
127-18-4	Tetrachloroethylene	ND		ug/m ³	3.6	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	13	21.45	EPA TO-15 Certifications:	05/26/2017 16:11	05/26/2017 18:57	LDS
108-88-3	Toluene	18		ug/m ³	8.1	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.7	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.9	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	12	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	7.6	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	9.4	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	5.5	21.45	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/26/2017 16:11	05/26/2017 18:57	LDS
	Surrogate Recoveries	Result			Acceptance Range					
460-00-4	Surrogate: p-Bromofluorobenzene	95.1 %			72-118					



Analytical Batch Summary

Batch ID: BE71414

Preparation Method: EPA TO15 PREP

Prepared By: LDS

YORK Sample ID	Client Sample ID	Preparation Date
17E1019-01	SV-1-20170524	05/26/17
17E1019-02	SV-2-20170524	05/26/17
17E1019-03	SV-5-20170524	05/26/17
17E1019-04	SV-6-20170524	05/26/17
17E1019-05	SV-7-20170524	05/26/17
BE71414-BLK1	Blank	05/26/17
BE71414-BS1	LCS	05/26/17
BE71414-DUP1	Duplicate	05/26/17



Volatile Organic Compounds in Air 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
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Batch BE71414 - EPA TO15 PREP

Blank (BE71414-BLK1)

Prepared & Analyzed: 05/26/2017

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								



Volatile Organic Compounds in Air 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
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Batch BE71414 - EPA TO15 PREP

Blank (BE71414-BLK1)

Prepared & Analyzed: 05/26/2017

n-Hexane	ND	0.35	ug/m ³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.26	"								

Surrogate: p-Bromofluorobenzene	9.38		ppbv	10.0		93.8	72-118				
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LCS (BE71414-BS1)

Prepared & Analyzed: 05/26/2017

1,1,1,2-Tetrachloroethane	10.7		ppbv	10.0		107	70-130				
1,1,1-Trichloroethane	11.7		"	10.0		117	70-130				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	70-130				
1,1,2-Trichloroethane	9.68		"	10.0		96.8	70-130				
1,1-Dichloroethane	10.7		"	10.0		107	70-130				
1,1-Dichloroethylene	10.7		"	10.0		107	70-130				
1,2,4-Trichlorobenzene	9.29		"	10.0		92.9	70-130				
1,2,4-Trimethylbenzene	11.7		"	10.0		117	70-130				
1,2-Dibromoethane	10.4		"	10.0		104	70-130				
1,2-Dichlorobenzene	11.6		"	10.0		116	70-130				
1,2-Dichloroethane	10.7		"	10.0		107	70-130				
1,2-Dichloropropane	9.31		"	10.0		93.1	70-130				
1,2-Dichlorotetrafluoroethane	8.58		"	10.0		85.8	70-130				
1,3,5-Trimethylbenzene	11.7		"	10.0		117	70-130				
1,3-Butadiene	6.67		"	10.0		66.7	70-130			Low Bias	
1,3-Dichlorobenzene	11.6		"	10.0		116	70-130				
1,3-Dichloropropane	9.99		"	10.0		99.9	70-130				
1,4-Dichlorobenzene	11.8		"	10.0		118	70-130				
1,4-Dioxane	10.2		"	10.0		102	70-130				
2-Butanone	9.66		"	10.0		96.6	70-130				
2-Hexanone	8.96		"	10.0		89.6	70-130				
3-Chloropropene	10.5		"	10.0		105	70-130				
4-Methyl-2-pentanone	8.97		"	10.0		89.7	70-130				
Acetone	9.73		"	10.0		97.3	70-130				
Acrylonitrile	11.2		"	10.0		112	70-130				
Benzene	10.8		"	10.0		108	70-130				
Benzyl chloride	11.2		"	10.0		112	70-130				
Bromodichloromethane	9.52		"	10.0		95.2	70-130				
Bromoform	11.7		"	10.0		117	70-130				
Bromomethane	8.21		"	10.0		82.1	70-130				
Carbon disulfide	12.1		"	10.0		121	70-130				



Volatile Organic Compounds in Air 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
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Batch BE71414 - EPA TO15 PREP

LCS (BE71414-BS1)

Prepared & Analyzed: 05/26/2017

Carbon tetrachloride	11.3		ppbv	10.0		113	70-130				
Chlorobenzene	10.4		"	10.0		104	70-130				
Chloroethane	7.05		"	10.0		70.5	70-130				
Chloroform	11.0		"	10.0		110	70-130				
Chloromethane	9.58		"	10.0		95.8	70-130				
cis-1,2-Dichloroethylene	10.9		"	10.0		109	70-130				
cis-1,3-Dichloropropylene	11.4		"	10.0		114	70-130				
Cyclohexane	11.7		"	10.0		117	70-130				
Dibromochloromethane	10.6		"	10.0		106	70-130				
Dichlorodifluoromethane	10.3		"	10.0		103	70-130				
Ethyl acetate	10.2		"	10.0		102	70-130				
Ethyl Benzene	11.1		"	10.0		111	70-130				
Hexachlorobutadiene	13.1		"	10.0		131	70-130	High Bias			
Isopropanol	10.6		"	10.0		106	70-130				
Methyl Methacrylate	10.4		"	10.0		104	70-130				
Methyl tert-butyl ether (MTBE)	13.0		"	10.0		130	70-130				
Methylene chloride	9.57		"	10.0		95.7	70-130				
n-Heptane	10.5		"	10.0		105	70-130				
n-Hexane	9.78		"	10.0		97.8	70-130				
o-Xylene	11.1		"	10.0		111	70-130				
p- & m- Xylenes	21.2		"	20.0		106	70-130				
p-Ethyltoluene	12.0		"	10.0		120	70-130				
Propylene	9.01		"	10.0		90.1	70-130				
Styrene	11.0		"	10.0		110	70-130				
Tetrachloroethylene	9.46		"	10.0		94.6	70-130				
Tetrahydrofuran	11.1		"	10.0		111	70-130				
Toluene	9.92		"	10.0		99.2	70-130				
trans-1,2-Dichloroethylene	11.2		"	10.0		112	70-130				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	70-130				
Trichloroethylene	9.71		"	10.0		97.1	70-130				
Trichlorofluoromethane (Freon 11)	10.9		"	10.0		109	70-130				
Vinyl acetate	10.6		"	10.0		106	70-130				
Vinyl bromide	13.3		"	10.0		133	70-130	High Bias			
Vinyl Chloride	7.19		"	10.0		71.9	70-130				
Surrogate: p-Bromofluorobenzene	10.3		"	10.0		103	72-118				



Volatile Organic Compounds in Air 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 BE71414 - EPA TO15 PREP											
Duplicate (BE71414-DUP1)		*Source sample: 17E1019-01 (SV-1-20170524)				Prepared & Analyzed: 05/26/2017					
1,1,1,2-Tetrachloroethane	ND	15	ug/m ³		ND					25	
1,1,1-Trichloroethane	ND	12	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	15	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	16	"		ND					25	
1,1,2-Trichloroethane	ND	12	"		ND					25	
1,1-Dichloroethane	ND	8.7	"		ND					25	
1,1-Dichloroethylene	ND	8.5	"		ND					25	
1,2,4-Trichlorobenzene	ND	16	"		ND					25	
1,2,4-Trimethylbenzene	ND	11	"		ND					25	
1,2-Dibromoethane	ND	16	"		ND					25	
1,2-Dichlorobenzene	ND	13	"		ND					25	
1,2-Dichloroethane	ND	8.7	"		ND					25	
1,2-Dichloropropane	ND	9.9	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	15	"		ND					25	
1,3,5-Trimethylbenzene	ND	11	"		ND					25	
1,3-Butadiene	ND	14	"		ND					25	
1,3-Dichlorobenzene	ND	13	"		ND					25	
1,3-Dichloropropane	ND	9.9	"		ND					25	
1,4-Dichlorobenzene	ND	13	"		ND					25	
1,4-Dioxane	ND	15	"		ND					25	
2-Butanone	35	6.3	"		35				1.80	25	
2-Hexanone	ND	18	"		ND					25	
3-Chloropropene	ND	34	"		ND					25	
4-Methyl-2-pentanone	ND	8.8	"		ND					25	
Acetone	ND	10	"		ND					25	
Acrylonitrile	ND	4.7	"		ND					25	
Benzene	ND	6.9	"		ND					25	
Benzyl chloride	ND	11	"		ND					25	
Bromodichloromethane	ND	14	"		ND					25	
Bromoform	ND	22	"		ND					25	
Bromomethane	ND	8.3	"		ND					25	
Carbon disulfide	7.3	6.7	"		7.3				0.00	25	
Carbon tetrachloride	ND	3.4	"		ND					25	
Chlorobenzene	ND	9.9	"		ND					25	
Chloroethane	ND	5.7	"		ND					25	
Chloroform	ND	10	"		ND					25	
Chloromethane	ND	4.4	"		ND					25	
cis-1,2-Dichloroethylene	ND	8.5	"		ND					25	
cis-1,3-Dichloropropylene	ND	9.7	"		ND					25	
Cyclohexane	ND	7.4	"		ND					25	
Dibromochloromethane	ND	18	"		ND					25	
Dichlorodifluoromethane	ND	11	"		ND					25	
Ethyl acetate	ND	15	"		ND					25	
Ethyl Benzene	ND	9.3	"		ND					25	
Hexachlorobutadiene	ND	23	"		ND					25	
Isopropanol	ND	11	"		ND					25	
Methyl Methacrylate	ND	8.8	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	7.7	"		ND					25	
Methylene chloride	ND	15	"		ND					25	
n-Heptane	ND	8.8	"		ND					25	
n-Hexane	ND	7.6	"		ND					25	



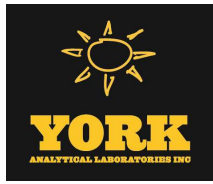
Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE71414 - EPA TO15 PREP

Duplicate (BE71414-DUP1)	*Source sample: 17E1019-01 (SV-1-20170524)					Prepared & Analyzed: 05/26/2017					
o-Xylene	ND	9.3	ug/m ³		ND						25
p- & m- Xylenes	ND	19	"		ND						25
p-Ethyltoluene	ND	11	"		ND						25
Propylene	ND	3.7	"		ND						25
Styrene	ND	9.1	"		ND						25
Tetrachloroethylene	ND	3.6	"		4.4						25
Tetrahydrofuran	ND	13	"		ND						25
Toluene	27	8.1	"		27				2.99		25
trans-1,2-Dichloroethylene	ND	8.5	"		ND						25
trans-1,3-Dichloropropylene	ND	9.7	"		ND						25
Trichloroethylene	ND	2.9	"		ND						25
Trichlorofluoromethane (Freon 11)	ND	12	"		ND						25
Vinyl acetate	ND	7.6	"		ND						25
Vinyl bromide	ND	9.4	"		ND						25
Vinyl Chloride	ND	5.5	"		ND						25
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.59</i>		<i>ppbv</i>	<i>10.0</i>		<i>95.9</i>	<i>72-118</i>				





Notes and Definitions

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.
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to detected analytes only.
<hr/>	
*	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.

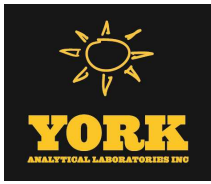
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For 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.



YORK
ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record - AIR

Page 1 of 1

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 17E1019

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type/Deliverables	
Company: <u>ABRF</u>	Company: <u>ABRF</u>	Company: <u>ABRF</u>	Company: <u>ABRF</u>	Company: <u>ABRF</u>	Company: <u>ABRF</u>	Company: <u>ABRF</u>	Company: <u>ABRF</u>	RUSH - Same Day <input type="checkbox"/>	Summary Report	Summary w/ QA Summary	
Address: <u>440 Park Ave</u>	Address: <u>440 Park Ave</u>	Address: <u>440 Park Ave</u>	Address: <u>440 Park Ave</u>	Address: <u>440 Park Ave</u>	Address: <u>440 Park Ave</u>	Address: <u>440 Park Ave</u>	Address: <u>440 Park Ave</u>	RUSH - Next Day <input type="checkbox"/>	CT RCP Package	NY ASP A Package	
Phone No: <u>NY NY 10016</u>	Phone No: <u>NY NY 10016</u>	Phone No: <u>NY NY 10016</u>	Phone No: <u>NY NY 10016</u>	Phone No: <u>NY NY 10016</u>	Phone No: <u>NY NY 10016</u>	Phone No: <u>NY NY 10016</u>	Phone No: <u>NY NY 10016</u>	RUSH - Two Day <input type="checkbox"/>	NY ASP B/CLP Pkg	NJDEP Reduced	<input checked="" type="checkbox"/>
Contact Person: <u>M. Low</u>	Contact Person: <u>M. Low</u>	Contact Person: <u>M. Low</u>	Contact Person: <u>M. Low</u>	Contact Person: <u>M. Low</u>	Contact Person: <u>M. Low</u>	Contact Person: <u>M. Low</u>	Contact Person: <u>M. Low</u>	RUSH - Three Day <input type="checkbox"/>	Electronic Deliverables:	EDD (Specify Type)	
E-Mail Address: <u>mlevy@abrf.com</u>	E-Mail Address: <u>mlevy@abrf.com</u>	E-Mail Address: <u>mlevy@abrf.com</u>	E-Mail Address: <u>mlevy@abrf.com</u>	E-Mail Address: <u>mlevy@abrf.com</u>	E-Mail Address: <u>mlevy@abrf.com</u>	E-Mail Address: <u>mlevy@abrf.com</u>	E-Mail Address: <u>mlevy@abrf.com</u>	RUSH - Four Day <input type="checkbox"/>	Standard Excel	Regulatory Comparison Excel	

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.

Air Matrix Codes
 AI - INDOOR Ambient Air
 AO - OUTDOOR Amb. Air
 AE - Vapor Extraction Well/
 Process Gas/Effluent
 AS - SOIL Vapor/Sub-Slab

Samples Collected/Authorized By (Signature): [Signature]
 Name (printed): Matthew Low

Additional Notes:

Please enter the following Field Data

Detection Limits Required: ≤ 1 ug/m³
 NYSDEC VI Limits: (VI = vapor intrusion)
 NJDEP low level:
 Routine Survey:
 Other:

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont. ID	ANALYSES REQUESTED	Sampling Media
SV-1-20170524	5/24	AS	-30	-8	23197	F1	TO-15	6 Liter canister Tedlar Bag
SV-2-20170524			-29	-6	23800	F29		6 Liter canister Tedlar Bag
SV-5-20170524			-30	-7	17353	7607		6 Liter canister Tedlar Bag
SV-6-20170524			-28	-4	18315	5413		6 Liter canister Tedlar Bag
SV-7-20170524			-28	-9	18310	5416		6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag

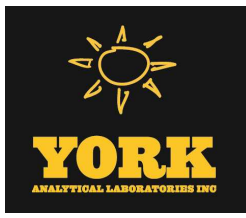
Comments
 FlowID: 5415 Canister ID: 22076 - Zero Pressure
 FlowID: 7361 Canister ID: 18308 - Unused

Samples Relinquished By: [Signature] Date/Time: 5/24/17 10:00 pm

Samples Relinquished By: [Signature] Date/Time: 5/24/17 10:00 pm

Samples Received By: JAMES GOMES Date/Time: 5-24-17 15:29

Samples Received in Lab by: [Signature] Date/Time: 5-24-17 22:00



Technical Report

prepared for:

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York NY, 10016
Attention: Matthew Levy

Report Date: 06/05/2017
Client Project ID: 170178 38-21 12th St
York Project (SDG) No.: 17E1049

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
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 06/05/2017
Client Project ID: 170178 38-21 12th St
York Project (SDG) No.: 17E1049

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York NY, 10016
Attention: Matthew Levy

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 May 25, 2017 and listed below. The project was identified as your project: **170178 38-21 12th St.**

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 Notes 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 attachment to 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17E1049-01	SB-17 (6.5-7.5)-20170524	Soil	05/24/2017	05/25/2017
17E1049-02	SB-16 (8-9)-20170524	Soil	05/24/2017	05/25/2017

General Notes for York Project (SDG) No.: 17E1049

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
9. 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:



Benjamin Gulizia
Laboratory Director

Date: 06/05/2017





Sample Information

Client Sample ID: SB-17 (6.5-7.5)-20170524

York Sample ID: 17E1049-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
17E1049	170178 38-21 12th St	Soil	May 24, 2017 3:00 pm	05/25/2017

Volatile Organics, 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	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/01/2017 14:09	06/02/2017 07:56	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/01/2017 14:09	06/02/2017 07:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.027	0.053	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS



Sample Information

Client Sample ID: SB-17 (6.5-7.5)-20170524

York Sample ID: 17E1049-01

<u>York Project (SDG) No.</u> 17E1049	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 24, 2017 3:00 pm	<u>Date Received</u> 05/25/2017
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Volatile Organics, 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
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
67-64-1	Acetone	0.0064	CCV-E, SCAL-E	mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
107-02-8	Acrolein	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
71-43-2	Benzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS



Sample Information

Client Sample ID: SB-17 (6.5-7.5)-20170524

York Sample ID: 17E1049-01

<u>York Project (SDG) No.</u> 17E1049	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 24, 2017 3:00 pm	<u>Date Received</u> 05/25/2017
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Volatile Organics, 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
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
100-42-5	Styrene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
108-88-3	Toluene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 07:56	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/01/2017 14:09	06/02/2017 07:56	SS

Surrogate Recoveries	Result	Acceptance Range
17060-07-0 Surrogate: 1,2-Dichloroethane-d4	110 %	77-125
2037-26-5 Surrogate: Toluene-d8	103 %	85-120



Sample Information

Client Sample ID: SB-17 (6.5-7.5)-20170524

York Sample ID: 17E1049-01

<u>York Project (SDG) No.</u> 17E1049	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 24, 2017 3:00 pm	<u>Date Received</u> 05/25/2017
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Volatile Organics, 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
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	105 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
83-32-9	Acenaphthene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
62-53-3	Aniline	ND		ug/kg dry	202	404	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
120-12-7	Anthracene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH



Sample Information

Client Sample ID: SB-17 (6.5-7.5)-20170524

York Sample ID: 17E1049-01

<u>York Project (SDG) No.</u> 17E1049	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 24, 2017 3:00 pm	<u>Date Received</u> 05/25/2017
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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
86-74-8	Carbazole	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
218-01-9	Chrysene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
206-44-0	Fluoranthene	86.2	J	ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
86-73-7	Fluorene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH



Sample Information

Client Sample ID: SB-17 (6.5-7.5)-20170524

York Sample ID: 17E1049-01

<u>York Project (SDG) No.</u> 17E1049	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 24, 2017 3:00 pm	<u>Date Received</u> 05/25/2017
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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
91-20-3	Naphthalene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
85-01-8	Phenanthrene	55.6	J	ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
129-00-0	Pyrene	74.9	J	ug/kg dry	50.5	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
110-86-1	Pyridine	ND		ug/kg dry	202	404	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/02/2017 23:56	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	37.5 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	45.0 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	56.1 %	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	82.7		%	0.100	1	SM 2540G Certifications: CTDOH	05/26/2017 13:16	05/26/2017 15:07	TAJ

Sample Information

Client Sample ID: SB-16 (8-9)-20170524

York Sample ID: 17E1049-02

<u>York Project (SDG) No.</u> 17E1049	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 24, 2017 3:00 pm	<u>Date Received</u> 05/25/2017
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Volatile Organics, 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
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Sample Information

Client Sample ID: SB-16 (8-9)-20170524

York Sample ID: 17E1049-02

<u>York Project (SDG) No.</u> 17E1049	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 24, 2017 3:00 pm	<u>Date Received</u> 05/25/2017
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Volatile Organics, 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	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/01/2017 14:09	06/02/2017 08:26	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/01/2017 14:09	06/02/2017 08:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.037	0.074	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
78-93-3	2-Butanone	0.0022	J	mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS



Sample Information

Client Sample ID: SB-16 (8-9)-20170524

York Sample ID: 17E1049-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E1049

170178 38-21 12th St

Soil

May 24, 2017 3:00 pm

05/25/2017

Volatile Organics, 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
67-64-1	Acetone	0.018	CCV-E, SCAL-E	mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
107-02-8	Acrolein	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS



Sample Information

Client Sample ID: SB-16 (8-9)-20170524

York Sample ID: 17E1049-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E1049

170178 38-21 12th St

Soil

May 24, 2017 3:00 pm

05/25/2017

Volatile Organics, 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
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:09	06/02/2017 08:26	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/01/2017 14:09	06/02/2017 08:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	77-125
2037-26-5	Surrogate: Toluene-d8	106 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	115 %	76-130



Sample Information

Client Sample ID: SB-16 (8-9)-20170524

York Sample ID: 17E1049-02

York Project (SDG) No.

Client Project ID

Matrix

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17E1049

170178 38-21 12th St

Soil

May 24, 2017 3:00 pm

05/25/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	561	1120	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	561	1120	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
83-32-9	Acenaphthene	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
208-96-8	Acenaphthylene	475	J	ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
62-53-3	Aniline	ND		ug/kg dry	1120	2250	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
120-12-7	Anthracene	471	J	ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
56-55-3	Benzo(a)anthracene	2290		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
50-32-8	Benzo(a)pyrene	560	J	ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
205-99-2	Benzo(b)fluoranthene	1100		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
191-24-2	Benzo(g,h,i)perylene	471	IS-06, J	ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH



Sample Information

Client Sample ID: SB-16 (8-9)-20170524

York Sample ID: 17E1049-02

York Project (SDG) No.

Client Project ID

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17E1049

170178 38-21 12th St

Soil

May 24, 2017 3:00 pm

05/25/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	1350		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
86-74-8	Carbazole	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
218-01-9	Chrysene	3400		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
53-70-3	Dibenzo(a,h)anthracene	ND	IS-06	ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
206-44-0	Fluoranthene	3450		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
86-73-7	Fluorene	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
193-39-5	Indeno(1,2,3-cd)pyrene	641	IS-06	ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
78-59-1	Isophorone	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
91-20-3	Naphthalene	1430		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH



Sample Information

Client Sample ID: SB-16 (8-9)-20170524

York Sample ID: 17E1049-02

<u>York Project (SDG) No.</u> 17E1049	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 24, 2017 3:00 pm	<u>Date Received</u> 05/25/2017
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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
85-01-8	Phenanthrene	1480		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
129-00-0	Pyrene	4490		ug/kg dry	281	561	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
110-86-1	Pyridine	ND		ug/kg dry	1120	2250	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2017 08:20	06/03/2017 01:34	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	60.5 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	80.5 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	84.1 %			24-116						

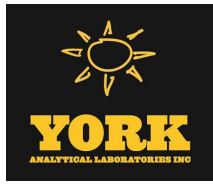
Total Solids

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	74.1		%	0.100	1	SM 2540G Certifications: CTDOH	05/26/2017 13:16	05/26/2017 15:07	TAJ



Analytical Batch Summary

Batch ID: BE71396 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
17E1049-01	SB-17 (6.5-7.5)-20170524	05/26/17
17E1049-02	SB-16 (8-9)-20170524	05/26/17

Batch ID: BF70064 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17E1049-01	SB-17 (6.5-7.5)-20170524	06/01/17
17E1049-02	SB-16 (8-9)-20170524	06/01/17
BF70064-BLK1	Blank	06/01/17
BF70064-BS1	LCS	06/01/17
BF70064-BSD1	LCS Dup	06/01/17

Batch ID: BF70097 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
17E1049-01	SB-17 (6.5-7.5)-20170524	06/02/17
17E1049-02	SB-16 (8-9)-20170524	06/02/17
BF70097-BLK1	Blank	06/02/17
BF70097-BS1	LCS	06/02/17



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
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Batch BF70064 - EPA 5035A

Blank (BF70064-BLK1)

Prepared: 06/01/2017 Analyzed: 06/02/2017

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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
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	"								



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
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Batch BF70064 - EPA 5035A

Blank (BF70064-BLK1)

Prepared: 06/01/2017 Analyzed: 06/02/2017

n-Butylbenzene	ND	0.0050	mg/kg wet								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	53.8		ug/L	50.0		108	77-125				
<i>Surrogate: Toluene-d8</i>	51.0		"	50.0		102	85-120				
<i>Surrogate: p-Bromofluorobenzene</i>	53.2		"	50.0		106	76-130				

LCS (BF70064-BS1)

Prepared & Analyzed: 06/01/2017

1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	52		"	50.0		104	71-137				
1,1,2,2-Tetrachloroethane	50		"	50.0		99.2	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		101	58-146				
1,1,2-Trichloroethane	51		"	50.0		102	83-123				
1,1-Dichloroethane	47		"	50.0		94.1	75-130				
1,1-Dichloroethylene	48		"	50.0		95.7	64-137				
1,2,3-Trichlorobenzene	48		"	50.0		95.4	81-140				
1,2,3-Trichloropropane	51		"	50.0		102	81-126				
1,2,4-Trichlorobenzene	45		"	50.0		89.6	80-141				
1,2,4-Trimethylbenzene	44		"	50.0		88.6	84-125				
1,2-Dibromo-3-chloropropane	51		"	50.0		102	74-142				
1,2-Dibromoethane	51		"	50.0		102	86-123				
1,2-Dichlorobenzene	49		"	50.0		97.6	85-122				
1,2-Dichloroethane	51		"	50.0		102	71-133				
1,2-Dichloropropane	49		"	50.0		97.2	81-122				
1,3,5-Trimethylbenzene	44		"	50.0		87.6	82-126				
1,3-Dichlorobenzene	47		"	50.0		93.5	84-124				
1,4-Dichlorobenzene	46		"	50.0		93.0	84-124				
1,4-Dioxane	1100		"	1000		112	10-228				
2-Butanone	50		"	50.0		99.5	58-147				
2-Hexanone	50		"	50.0		101	70-139				
4-Methyl-2-pentanone	46		"	50.0		92.2	72-132				
Acetone	38		"	50.0		75.8	36-155				
Acrolein	47		"	50.0		94.0	10-238				
Acrylonitrile	53		"	50.0		105	66-141				
Benzene	46		"	50.0		93.0	77-127				
Bromochloromethane	48		"	50.0		95.3	74-129				
Bromodichloromethane	49		"	50.0		99.0	81-124				



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
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Batch BF70064 - EPA 5035A

LCS (BF70064-BS1)

Prepared & Analyzed: 06/01/2017

Bromoform	49		ug/L	50.0		98.2	80-136				
Bromomethane	61		"	50.0		121	32-177				
Carbon disulfide	45		"	50.0		90.6	10-136				
Carbon tetrachloride	53		"	50.0		106	66-143				
Chlorobenzene	49		"	50.0		98.5	86-120				
Chloroethane	56		"	50.0		111	51-142				
Chloroform	49		"	50.0		97.5	76-131				
Chloromethane	53		"	50.0		105	49-132				
cis-1,2-Dichloroethylene	50		"	50.0		99.6	74-132				
cis-1,3-Dichloropropylene	46		"	50.0		91.9	81-129				
Cyclohexane	45		"	50.0		90.4	70-130				
Dibromochloromethane	52		"	50.0		103	10-200				
Dibromomethane	52		"	50.0		105	83-124				
Dichlorodifluoromethane	50		"	50.0		99.8	28-158				
Ethyl Benzene	47		"	50.0		94.6	84-125				
Hexachlorobutadiene	49		"	50.0		98.9	83-133				
Isopropylbenzene	45		"	50.0		90.5	81-127				
Methyl acetate	49		"	50.0		98.4	41-143				
Methyl tert-butyl ether (MTBE)	49		"	50.0		98.7	74-131				
Methylcyclohexane	50		"	50.0		101	70-130				
Methylene chloride	43		"	50.0		86.4	57-141				
n-Butylbenzene	45		"	50.0		90.6	80-130				
n-Propylbenzene	43		"	50.0		85.9	74-136				
o-Xylene	48		"	50.0		95.7	83-123				
p- & m- Xylenes	92		"	100		91.9	82-128				
p-Isopropyltoluene	47		"	50.0		93.9	85-125				
sec-Butylbenzene	45		"	50.0		89.2	83-125				
Styrene	50		"	50.0		99.1	86-126				
tert-Butyl alcohol (TBA)	53		"	50.0		105	70-130				
tert-Butylbenzene	48		"	50.0		95.5	80-127				
Tetrachloroethylene	54		"	50.0		109	80-129				
Toluene	47		"	50.0		94.1	85-121				
trans-1,2-Dichloroethylene	49		"	50.0		98.3	72-132				
trans-1,3-Dichloropropylene	47		"	50.0		94.1	78-132				
Trichloroethylene	50		"	50.0		100	84-123				
Trichlorofluoromethane	52		"	50.0		104	62-140				
Vinyl Chloride	57		"	50.0		113	52-130				
Surrogate: 1,2-Dichloroethane-d4	52.7		"	50.0		105	77-125				
Surrogate: Toluene-d8	51.1		"	50.0		102	85-120				
Surrogate: p-Bromofluorobenzene	48.2		"	50.0		96.4	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
Batch BF70064 - EPA 5035A										
LCS Dup (BF70064-BSD1)										
Prepared & Analyzed: 06/01/2017										
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		101	75-129		0.864	30
1,1,1-Trichloroethane	52		"	50.0		103	71-137		0.656	30
1,1,2,2-Tetrachloroethane	49		"	50.0		97.3	79-129		1.93	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	67		"	50.0		134	58-146		28.1	30
1,1,2-Trichloroethane	51		"	50.0		103	83-123		1.29	30
1,1-Dichloroethane	47		"	50.0		94.1	75-130		0.0213	30
1,1-Dichloroethylene	65		"	50.0		129	64-137		29.9	30
1,2,3-Trichlorobenzene	47		"	50.0		94.7	81-140		0.695	30
1,2,3-Trichloropropane	51		"	50.0		102	81-126		0.568	30
1,2,4-Trichlorobenzene	44		"	50.0		88.4	80-141		1.39	30
1,2,4-Trimethylbenzene	45		"	50.0		90.0	84-125		1.50	30
1,2-Dibromo-3-chloropropane	51		"	50.0		101	74-142		1.32	30
1,2-Dibromoethane	51		"	50.0		102	86-123		0.334	30
1,2-Dichlorobenzene	49		"	50.0		98.4	85-122		0.857	30
1,2-Dichloroethane	50		"	50.0		101	71-133		1.06	30
1,2-Dichloropropane	49		"	50.0		98.5	81-122		1.33	30
1,3,5-Trimethylbenzene	44		"	50.0		88.7	82-126		1.25	30
1,3-Dichlorobenzene	48		"	50.0		95.4	84-124		2.01	30
1,4-Dichlorobenzene	48		"	50.0		95.6	84-124		2.76	30
1,4-Dioxane	1200		"	1000		115	10-228		2.94	30
2-Butanone	51		"	50.0		103	58-147		3.11	30
2-Hexanone	50		"	50.0		100	70-139		0.477	30
4-Methyl-2-pentanone	45		"	50.0		89.8	72-132		2.66	30
Acetone	38		"	50.0		76.9	36-155		1.47	30
Acrolein	67		"	50.0		133	10-238		34.6	30 Non-dir.
Acrylonitrile	52		"	50.0		103	66-141		2.00	30
Benzene	46		"	50.0		91.5	77-127		1.65	30
Bromochloromethane	47		"	50.0		93.5	74-129		1.89	30
Bromodichloromethane	50		"	50.0		99.1	81-124		0.162	30
Bromoform	49		"	50.0		98.5	80-136		0.305	30
Bromomethane	60		"	50.0		120	32-177		0.596	30
Carbon disulfide	46		"	50.0		91.7	10-136		1.16	30
Carbon tetrachloride	53		"	50.0		107	66-143		0.544	30
Chlorobenzene	49		"	50.0		98.8	86-120		0.324	30
Chloroethane	56		"	50.0		111	51-142		0.198	30
Chloroform	48		"	50.0		96.0	76-131		1.57	30
Chloromethane	55		"	50.0		110	49-132		4.75	30
cis-1,2-Dichloroethylene	49		"	50.0		97.2	74-132		2.44	30
cis-1,3-Dichloropropylene	46		"	50.0		91.6	81-129		0.262	30
Cyclohexane	50		"	50.0		100	70-130		10.1	30
Dibromochloromethane	52		"	50.0		104	10-200		0.386	30
Dibromomethane	50		"	50.0		100	83-124		4.59	30
Dichlorodifluoromethane	53		"	50.0		106	28-158		6.10	30
Ethyl Benzene	46		"	50.0		93.0	84-125		1.68	30
Hexachlorobutadiene	52		"	50.0		104	83-133		4.52	30
Isopropylbenzene	46		"	50.0		92.4	81-127		2.06	30
Methyl acetate	48		"	50.0		96.8	41-143		1.62	30
Methyl tert-butyl ether (MTBE)	48		"	50.0		96.6	74-131		2.19	30
Methylcyclohexane	51		"	50.0		101	70-130		0.773	30
Methylene chloride	42		"	50.0		84.5	57-141		2.29	30
n-Butylbenzene	46		"	50.0		91.4	80-130		0.879	30



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

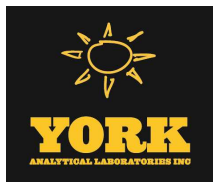
Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BF70064 - EPA 5035A

LCS Dup (BF70064-BSD1)

Prepared & Analyzed: 06/01/2017

n-Propylbenzene	44		ug/L	50.0		87.2	74-136			1.43	30		
o-Xylene	48		"	50.0		96.5	83-123			0.770	30		
p- & m- Xylenes	91		"	100		91.1	82-128			0.951	30		
p-Isopropyltoluene	48		"	50.0		95.4	85-125			1.59	30		
sec-Butylbenzene	46		"	50.0		91.8	83-125			2.83	30		
Styrene	50		"	50.0		99.1	86-126			0.0807	30		
tert-Butyl alcohol (TBA)	55		"	50.0		110	70-130			3.94	30		
tert-Butylbenzene	48		"	50.0		96.9	80-127			1.45	30		
Tetrachloroethylene	56		"	50.0		111	80-129			2.33	30		
Toluene	47		"	50.0		93.7	85-121			0.383	30		
trans-1,2-Dichloroethylene	49		"	50.0		97.6	72-132			0.755	30		
trans-1,3-Dichloropropylene	47		"	50.0		93.9	78-132			0.170	30		
Trichloroethylene	50		"	50.0		100	84-123			0.259	30		
Trichlorofluoromethane	51		"	50.0		102	62-140			2.10	30		
Vinyl Chloride	59		"	50.0		118	52-130			3.69	30		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>51.1</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>77-125</i>						
<i>Surrogate: Toluene-d8</i>	<i>50.2</i>		<i>"</i>	<i>50.0</i>		<i>100</i>	<i>85-120</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.2</i>		<i>"</i>	<i>50.0</i>		<i>96.4</i>	<i>76-130</i>						



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
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Batch BF70097 - EPA 3550C

Blank (BF70097-BLK1)

Prepared & Analyzed: 06/02/2017

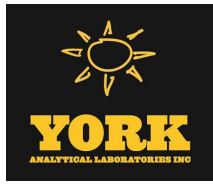
1,2,4-Trichlorobenzene	ND	41.7	ug/kg wet								
1,2-Dichlorobenzene	ND	41.7	"								
1,3-Dichlorobenzene	ND	41.7	"								
1,4-Dichlorobenzene	ND	41.7	"								
2,4-Dinitrotoluene	ND	41.7	"								
2,6-Dinitrotoluene	ND	41.7	"								
2-Chloronaphthalene	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
3,3-Dichlorobenzidine	ND	41.7	"								
3-Nitroaniline	ND	83.3	"								
4-Bromophenyl phenyl ether	ND	41.7	"								
4-Chloroaniline	ND	41.7	"								
4-Chlorophenyl phenyl ether	ND	41.7	"								
4-Nitroaniline	ND	83.3	"								
Acenaphthene	ND	41.7	"								
Acenaphthylene	ND	41.7	"								
Aniline	ND	167	"								
Anthracene	ND	41.7	"								
Benzo(a)anthracene	ND	41.7	"								
Benzo(a)pyrene	ND	41.7	"								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(g,h,i)perylene	ND	41.7	"								
Benzo(k)fluoranthene	ND	41.7	"								
Benzyl butyl phthalate	ND	41.7	"								
Bis(2-chloroethoxy)methane	ND	41.7	"								
Bis(2-chloroethyl)ether	ND	41.7	"								
Bis(2-chloroisopropyl)ether	ND	41.7	"								
Bis(2-ethylhexyl)phthalate	ND	41.7	"								
Carbazole	ND	41.7	"								
Chrysene	ND	41.7	"								
Dibenzo(a,h)anthracene	ND	41.7	"								
Dibenzofuran	ND	41.7	"								
Diethyl phthalate	ND	41.7	"								
Dimethyl phthalate	ND	41.7	"								
Di-n-butyl phthalate	ND	41.7	"								
Di-n-octyl phthalate	ND	41.7	"								
Fluoranthene	ND	41.7	"								
Fluorene	ND	41.7	"								
Hexachlorobenzene	ND	41.7	"								
Hexachlorobutadiene	ND	41.7	"								
Hexachlorocyclopentadiene	ND	41.7	"								
Hexachloroethane	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Isophorone	ND	41.7	"								
Naphthalene	ND	41.7	"								
Nitrobenzene	ND	41.7	"								
N-Nitrosodimethylamine	ND	41.7	"								
N-nitroso-di-n-propylamine	ND	41.7	"								
N-Nitrosodiphenylamine	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Pyrene	ND	41.7	"								



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 BF70097 - EPA 3550C											
Blank (BF70097-BLK1)										Prepared & Analyzed: 06/02/2017	
Pyridine	ND	167	ug/kg wet								
Surrogate: Nitrobenzene-d5	1150		"	1910		60.1	22-108				
Surrogate: 2-Fluorobiphenyl	1290		"	1710		75.9	21-113				
Surrogate: Terphenyl-d14	1200		"	1670		71.6	24-116				
LCS (BF70097-BS1)										Prepared & Analyzed: 06/02/2017	
1,2,4-Trichlorobenzene	582	41.7	ug/kg wet	833		69.9	23-130				
1,2-Dichlorobenzene	522	41.7	"	833		62.6	26-113				
1,3-Dichlorobenzene	524	41.7	"	833		62.9	32-113				
1,4-Dichlorobenzene	491	41.7	"	833		58.9	28-111				
2,4-Dinitrotoluene	691	41.7	"	833		82.9	30-123				
2,6-Dinitrotoluene	699	41.7	"	833		83.9	30-125				
2-Chloronaphthalene	591	41.7	"	833		70.9	22-115				
2-Methylnaphthalene	651	41.7	"	833		78.2	16-127				
3,3-Dichlorobenzidine	691	41.7	"	833		82.9	10-147				
3-Nitroaniline	595	83.3	"	833		71.4	23-123				
4-Bromophenyl phenyl ether	678	41.7	"	833		81.4	30-138				
4-Chloroaniline	527	41.7	"	833		63.2	10-117				
4-Chlorophenyl phenyl ether	665	41.7	"	833		79.8	18-132				
4-Nitroaniline	653	83.3	"	833		78.4	14-125				
Acenaphthene	643	41.7	"	833		77.1	17-124				
Acenaphthylene	588	41.7	"	833		70.6	16-124				
Aniline	485	167	"	833		58.2	10-111				
Anthracene	667	41.7	"	833		80.0	24-124				
Benzo(a)anthracene	731	41.7	"	833		87.8	25-134				
Benzo(a)pyrene	707	41.7	"	833		84.8	29-144				
Benzo(b)fluoranthene	724	41.7	"	833		86.9	20-151				
Benzo(g,h,i)perylene	808	41.7	"	833		97.0	10-153				
Benzo(k)fluoranthene	689	41.7	"	833		82.6	10-148				
Benzyl butyl phthalate	621	41.7	"	833		74.5	10-132				
Bis(2-chloroethoxy)methane	646	41.7	"	833		77.5	10-129				
Bis(2-chloroethyl)ether	550	41.7	"	833		66.0	14-125				
Bis(2-chloroisopropyl)ether	543	41.7	"	833		65.1	14-122				
Bis(2-ethylhexyl)phthalate	667	41.7	"	833		80.1	10-141				
Carbazole	702	41.7	"	833		84.2	31-120				
Chrysene	662	41.7	"	833		79.4	24-116				
Dibenzo(a,h)anthracene	782	41.7	"	833		93.8	17-147				
Dibenzofuran	649	41.7	"	833		77.9	23-123				
Diethyl phthalate	680	41.7	"	833		81.6	23-122				
Dimethyl phthalate	672	41.7	"	833		80.6	28-127				
Di-n-butyl phthalate	611	41.7	"	833		73.4	19-123				
Di-n-octyl phthalate	695	41.7	"	833		83.4	10-132				
Fluoranthene	704	41.7	"	833		84.5	36-125				
Fluorene	653	41.7	"	833		78.3	16-130				
Hexachlorobenzene	597	41.7	"	833		71.6	10-129				
Hexachlorobutadiene	595	41.7	"	833		71.4	22-153				
Hexachlorocyclopentadiene	386	41.7	"	833		46.3	10-134				
Hexachloroethane	497	41.7	"	833		59.7	20-112				
Indeno(1,2,3-cd)pyrene	733	41.7	"	833		88.0	10-155				
Isophorone	606	41.7	"	833		72.7	14-131				
Naphthalene	567	41.7	"	833		68.0	20-121				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

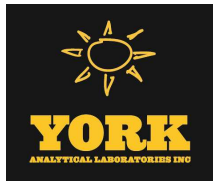
Analyte	Result	Reporting	Units	Spike	Source*	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	%REC			Limit			

Batch BF70097 - EPA 3550C

LCS (BF70097-BS1)

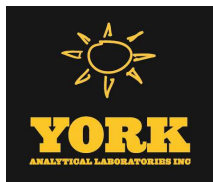
Prepared & Analyzed: 06/02/2017

Nitrobenzene	518	41.7	ug/kg wet	833		62.2	20-121					
N-Nitrosodimethylamine	512	41.7	"	833		61.4	10-124					
N-nitroso-di-n-propylamine	521	41.7	"	833		62.5	21-119					
N-Nitrosodiphenylamine	749	41.7	"	833		89.8	10-163					
Phenanthrene	702	41.7	"	833		84.2	24-123					
Pyrene	731	41.7	"	833		87.7	24-132					
Pyridine	385	167	"	833		46.2	10-92					
<i>Surrogate: Nitrobenzene-d5</i>	<i>1010</i>		<i>"</i>	<i>1910</i>		<i>52.5</i>	<i>22-108</i>					
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1110</i>		<i>"</i>	<i>1710</i>		<i>64.8</i>	<i>21-113</i>					
<i>Surrogate: Terphenyl-d14</i>	<i>1020</i>		<i>"</i>	<i>1670</i>		<i>60.8</i>	<i>24-116</i>					



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17E1049-01	SB-17 (6.5-7.5)-20170524	40mL Vial with Stir Bar-Cool 4° C
17E1049-02	SB-16 (8-9)-20170524	40mL Vial with Stir Bar-Cool 4° C



Notes and Definitions

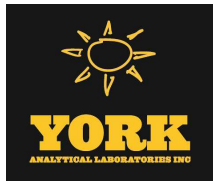
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-06	Internal standard perylene-d12 did not meet acceptance criteria. The sample was reanalyzed to confirm matrix interference. Compounds affected are: Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene and Indeno(1,2,3-cd)pyrene.
CCV-E	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).

*	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.



York Analytical Laboratories, Inc.
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Stratford, CT 06615
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YORK
ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

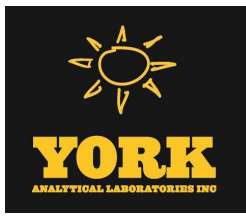
YORK Project No.

17E1049

Page 1 of 1

NOTE: 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.

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time			
Company: AHRF	Company:	Company: AHRF	Company:	Company: AHRF	Company:	170178	Standard (5-7 Day)	RUSH - Next Day	<input checked="" type="checkbox"/>		
Address: 440 Park Ave NY NY 10016	Address:	Address: SAME	Address:	Address: SAME	Address:	YOUR Project Name 38-21 12th St	RUSH - Two Day	RUSH - Three Day	<input type="checkbox"/>		
Contact: Matthew Levy	Contact:	Contact: SAME	Contact:	Contact: SAME	Contact:	YOUR PO#:	RUSH - Four Day	Standard (5-7 Day)	<input type="checkbox"/>		
E-mail: mlevy@ahrf.com	E-mail:	E-mail: SAME	E-mail:	E-mail: SAME	E-mail:						
<p>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.</p> <p>Matthew Levy</p> <p>Samples Collected by: (print your name above and sign below)</p>		<p>Matrix Codes</p> <p>S - soil / solid</p> <p>GW - groundwater</p> <p>DW - drinking water</p> <p>WW - wastewater</p> <p>O - Oil ; Other</p>		<p>Report / EDD Type (circle selections)</p> <p>Summary Report <input checked="" type="checkbox"/></p> <p>QA Report</p> <p>NY ASP A Package</p> <p><u>NY ASP B Package</u></p>		<p>Report / EDD Type (circle selections)</p> <p>CT RCP</p> <p>CT RCP DQA/DUE</p> <p>NJDEP Reduced Deliverables</p> <p>NJDKQP</p>		<p>YORK Reg. Comp.</p> <p>Compared to the following Regulation(s): (please fill in)</p>		<p>Container Description</p>	
<p>Sample Identification</p> <p>S0-17(6575)-20170524</p> <p>S0-16(8-9)-20170524</p>		<p>Sample Matrix</p> <p>S</p> <p>S</p>		<p>Samples From</p> <p>New York <input checked="" type="checkbox"/></p> <p>New Jersey</p> <p>Connecticut</p> <p>Pennsylvania</p> <p>Other</p>		<p>Analysis Requested</p> <p>VOCs, SVOCs - BA</p> <p>VOCs, SVOCs - BA</p>		<p>Standard Excel EDD</p> <p>EQUIS (Standard)</p> <p>NYSDEC EQUIS</p> <p>NJDEP SRP HazSite</p> <p>Other:</p>		<p>Special Instruction</p> <p>Field Filtered</p> <p>Lab to Filter</p>	
<p>Comments:</p>		<p>Preservation: (check all that apply)</p> <p>HCl ___ MeOH <input checked="" type="checkbox"/> HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___</p> <p>Ascorbic Acid ___ Other: ICE</p>		<p>Samples Relinquished by / Company</p> <p>DATE/TIME</p> <p>5/25/17 11:26</p>		<p>Samples Relinquished by / Company</p> <p>DATE/TIME</p> <p>5/25/17 11:26</p>		<p>Temp. Received at Lab</p> <p>4.3 Degrees C</p>		<p>Date/Time</p> <p>5/25/17 11:26</p>	



Technical Report

prepared for:

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York NY, 10016
Attention: Patrick Diggins

Report Date: 06/01/2017
Client Project ID: 170178 38-21 12th St
York Project (SDG) No.: 17E0901

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
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132-02 89th AVENUE
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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 06/01/2017
Client Project ID: 170178 38-21 12th St
York Project (SDG) No.: 17E0901

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York NY, 10016
Attention: Patrick Diggins

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 May 22, 2017 and listed below. The project was identified as your project: **170178 38-21 12th St.**

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 Notes 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 attachment to 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17E0901-01	SB-4 (4-5)-20170522	Soil	05/22/2017	05/22/2017
17E0901-02	SB-4 (8-9)-20170522	Soil	05/22/2017	05/22/2017
17E0901-03	MW-4-20170522	Water	05/22/2017	05/22/2017
17E0901-04	SB-11 (7-8)-20170522	Soil	05/22/2017	05/22/2017
17E0901-05	SB-9 (8-9)-20170522	Soil	05/22/2017	05/22/2017
17E0901-06	SB-3 (1-2)-20170522	Soil	05/22/2017	05/22/2017
17E0901-07	SB-3 (8-9)-20170522	Soil	05/22/2017	05/22/2017
17E0901-08	MW-3-20170522	Water	05/22/2017	05/22/2017
17E0901-09	SB-1 (1-2)-20170522	Soil	05/22/2017	05/22/2017
17E0901-10	SB-1 (8-9)-20170522	Soil	05/22/2017	05/22/2017
17E0901-11	Trip Blank	Water	05/22/2017	05/22/2017
17E0901-12	SS-1-20170522	Soil	05/22/2017	05/22/2017

General Notes for York Project (SDG) No.: 17E0901

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
9. 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:



Benjamin Gulizia
Laboratory Director

Date: 06/01/2017





Sample Information

Client Sample ID: SB-4 (4-5)-20170522

York Sample ID: 17E0901-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0901	170178 38-21 12th St	Soil	May 22, 2017 9:15 am	05/22/2017

Volatile Organics, 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	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:00	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:00	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.029	0.059	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK



Sample Information

Client Sample ID: SB-4 (4-5)-20170522

York Sample ID: 17E0901-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 9:15 am

05/22/2017

Volatile Organics, 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
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
67-64-1	Acetone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
71-43-2	Benzene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK



Sample Information

Client Sample ID: SB-4 (4-5)-20170522

York Sample ID: 17E0901-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 9:15 am

05/22/2017

Volatile Organics, 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
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
100-42-5	Styrene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
108-88-3	Toluene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0015	0.0029	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:00	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:00	BK

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-4 (4-5)-20170522

York Sample ID: 17E0901-01

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 9:15 am	<u>Date Received</u> 05/22/2017
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Sample Prepared by Method: EPA 3550C

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	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR



Sample Information

Client Sample ID: SB-4 (4-5)-20170522

York Sample ID: 17E0901-01

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 9:15 am	<u>Date Received</u> 05/22/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
83-32-9	Acenaphthene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
62-53-3	Aniline	ND		mg/kg dry	0.201	0.402	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
120-12-7	Anthracene	0.0586	J	mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
92-87-5	Benzidine	ND		mg/kg dry	0.201	0.402	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
56-55-3	Benzo(a)anthracene	0.188		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
50-32-8	Benzo(a)pyrene	0.193		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
205-99-2	Benzo(b)fluoranthene	0.219		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
191-24-2	Benzo(g,h,i)perylene	0.157		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
207-08-9	Benzo(k)fluoranthene	0.199		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
65-85-0	Benzoic acid	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR



Sample Information

Client Sample ID: SB-4 (4-5)-20170522

York Sample ID: 17E0901-01

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 9:15 am	<u>Date Received</u> 05/22/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
86-74-8	Carbazole	0.0538	J	mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
218-01-9	Chrysene	0.263		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
53-70-3	Dibenzo(a,b)anthracene	0.0667	J	mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
206-44-0	Fluoranthene	0.585		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
86-73-7	Fluorene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
193-39-5	Indeno(1,2,3-cd)pyrene	0.133		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
78-59-1	Isophorone	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
91-20-3	Naphthalene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR



Sample Information

Client Sample ID: SB-4 (4-5)-20170522

York Sample ID: 17E0901-01

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 9:15 am	<u>Date Received</u> 05/22/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
85-01-8	Phenanthrene	0.453		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
108-95-2	Phenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR
129-00-0	Pyrene	0.516		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 22:40	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	38.2 %	20-108
4165-62-2	Surrogate: Phenol-d5	40.7 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	37.5 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	30.1 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	48.7 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	41.2 %	24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
309-00-2	Aldrin	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/23/2017 08:07	05/23/2017 21:51	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
57-74-9	Chlordane, total	ND		ug/kg dry	39.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA



Sample Information

Client Sample ID: SB-4 (4-5)-20170522

York Sample ID: 17E0901-01

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 9:15 am	<u>Date Received</u> 05/22/2017
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
72-20-8	Endrin	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/23/2017 08:07	05/23/2017 21:51	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
8001-35-2	Toxaphene	ND		ug/kg dry	101	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 21:51	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	43.6 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	38.4 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 16:57	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 16:57	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 16:57	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 16:57	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 16:57	LAB



Sample Information

Client Sample ID: SB-4 (4-5)-20170522

York Sample ID: 17E0901-01

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 9:15 am	<u>Date Received</u> 05/22/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 16:57	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 16:57	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications:	05/23/2017 08:07	05/24/2017 16:57	LAB
	Surrogate Recoveries	Result					Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	51.0 %					30-140			
2051-24-3	Surrogate: Decachlorobiphenyl	41.5 %					30-140			

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2990		mg/kg dry	6.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7440-36-0	Antimony	1.02		mg/kg dry	0.604	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7440-38-2	Arsenic	3.83		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7440-39-3	Barium	2300		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.121	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7440-43-9	Cadmium	1.76		mg/kg dry	0.363	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7440-70-2	Calcium	37500		mg/kg dry	6.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7440-47-3	Chromium	6.67		mg/kg dry	0.604	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7440-48-4	Cobalt	3.87		mg/kg dry	0.604	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7440-50-8	Copper	24.2		mg/kg dry	0.604	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7439-89-6	Iron	5720		mg/kg dry	2.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7439-92-1	Lead	8580		mg/kg dry	3.63	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/30/2017 17:31	KML
7439-95-4	Magnesium	2830		mg/kg dry	6.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7439-96-5	Manganese	121		mg/kg dry	0.604	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML



Sample Information

Client Sample ID: SB-4 (4-5)-20170522

York Sample ID: 17E0901-01

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 9:15 am	<u>Date Received</u> 05/22/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	5.50		mg/kg dry	0.604	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7440-09-7	Potassium	569	B	mg/kg dry	6.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7782-49-2	Selenium	1.41		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7440-22-4	Silver	ND		mg/kg dry	0.604	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7440-23-5	Sodium	390	B	mg/kg dry	12.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/25/2017 15:20	05/27/2017 00:43	KML
7440-28-0	Thallium	ND		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7440-62-2	Vanadium	8.70		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML
7440-66-6	Zinc	1730		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:43	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.85		mg/kg dry	0.0363	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/24/2017 09:17	05/24/2017 14:34	SY

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	82.7		%	0.100	1	SM 2540G Certifications: CTDOH	05/24/2017 13:30	05/24/2017 15:49	TAJ

Sample Information

Client Sample ID: SB-4 (8-9)-20170522

York Sample ID: 17E0901-02

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 9:30 am	<u>Date Received</u> 05/22/2017
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-4 (8-9)-20170522

York Sample ID: 17E0901-02

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 9:30 am	<u>Date Received</u> 05/22/2017
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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	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 15:44	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 15:44	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
95-63-6	1,2,4-Trimethylbenzene	300		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
108-67-8	1,3,5-Trimethylbenzene	110		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	230	470	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
78-93-3	2-Butanone	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
591-78-6	2-Hexanone	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
67-64-1	Acetone	ND		mg/kg dry	23	47	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK



Sample Information

Client Sample ID: SB-4 (8-9)-20170522

York Sample ID: 17E0901-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 9:30 am

05/22/2017

Volatile Organics, 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
107-02-8	Acrolein	ND		mg/kg dry	23	47	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
71-43-2	Benzene	12	J	mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
75-25-2	Bromoform	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
74-83-9	Bromomethane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
75-00-3	Chloroethane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
67-66-3	Chloroform	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
74-87-3	Chloromethane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
110-82-7	Cyclohexane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
74-95-3	Dibromomethane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
100-41-4	Ethyl Benzene	110		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
79-20-9	Methyl acetate	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK



Sample Information

Client Sample ID: SB-4 (8-9)-20170522

York Sample ID: 17E0901-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 9:30 am

05/22/2017

Volatile Organics, 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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
75-09-2	Methylene chloride	ND		mg/kg dry	23	47	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
103-65-1	n-Propylbenzene	22	J	mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
95-47-6	o-Xylene	270		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
179601-23-1	p- & m- Xylenes	430		mg/kg dry	23	47	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
99-87-6	p-Isopropyltoluene	17	J	mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
100-42-5	Styrene	95		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
108-88-3	Toluene	110		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	12	23	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:44	BK
1330-20-7	Xylenes, Total	700		mg/kg dry	35	70	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 15:44	BK

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615										
www.YORKLAB.com	(203) 325-1371										
							132-02 89th AVENUE				
							FAX (203) 357-0166				
									RICHMOND HILL, NY 11418		
									ClientServices@		



Sample Information

Client Sample ID: SB-4 (8-9)-20170522

York Sample ID: 17E0901-02

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 9:30 am	<u>Date Received</u> 05/22/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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	117		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	7.71	15.4	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	7.71	15.4	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	7.71	15.4	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
91-57-6	2-Methylnaphthalene	156		mg/kg dry	7.73	15.4	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 16:03	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	7.71	15.4	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR



Sample Information

Client Sample ID: SB-4 (8-9)-20170522

York Sample ID: 17E0901-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 9:30 am

05/22/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	7.71	15.4	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	7.71	15.4	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	7.71	15.4	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	7.71	15.4	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
83-32-9	Acenaphthene	57.9		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
208-96-8	Acenaphthylene	42.2		mg/kg dry	7.73	15.4	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 16:03	SR
98-86-2	Acetophenone	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
62-53-3	Aniline	ND		mg/kg dry	15.4	30.9	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
120-12-7	Anthracene	215		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
1912-24-9	Atrazine	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
92-87-5	Benzidine	ND		mg/kg dry	15.4	30.9	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
56-55-3	Benzo(a)anthracene	219		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
50-32-8	Benzo(a)pyrene	165		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
205-99-2	Benzo(b)fluoranthene	97.7		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
191-24-2	Benzo(g,h,i)perylene	60.1		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
207-08-9	Benzo(k)fluoranthene	84.4		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
65-85-0	Benzoic acid	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
100-51-6	Benzyl alcohol	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR



Sample Information

Client Sample ID: SB-4 (8-9)-20170522

York Sample ID: 17E0901-02

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 9:30 am	<u>Date Received</u> 05/22/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
105-60-2	Caprolactam	ND		mg/kg dry	7.71	15.4	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
86-74-8	Carbazole	11.0		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
218-01-9	Chrysene	243		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
53-70-3	Dibenzo(a,h)anthracene	34.3		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
132-64-9	Dibenzofuran	36.6		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
131-11-3	Dimethyl phthalate	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
206-44-0	Fluoranthene	57.1		mg/kg dry	7.73	15.4	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 16:03	SR
86-73-7	Fluorene	53.2		mg/kg dry	7.73	15.4	200	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 16:03	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
193-39-5	Indeno(1,2,3-cd)pyrene	48.6		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
78-59-1	Isophorone	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
91-20-3	Naphthalene	236		mg/kg dry	7.73	15.4	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 16:03	SR



Sample Information

Client Sample ID: SB-4 (8-9)-20170522

York Sample ID: 17E0901-02

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 9:30 am	<u>Date Received</u> 05/22/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
85-01-8	Phenanthrene	183		mg/kg dry	7.73	15.4	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 16:03	SR
108-95-2	Phenol	ND		mg/kg dry	3.86	7.71	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 10:34	SR
129-00-0	Pyrene	95.8		mg/kg dry	7.73	15.4	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 16:03	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	34.6 %		20-108							
4165-62-2	Surrogate: Phenol-d5	%	S-01	23-114							
4165-60-0	Surrogate: Nitrobenzene-d5	34.0 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	55.7 %		21-113							
118-79-6	Surrogate: 2,4,6-Tribromophenol	%	S-01	19-110							
1718-51-0	Surrogate: Terphenyl-d14	%	S-01	24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
309-00-2	Aldrin	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/23/2017 08:07	05/23/2017 22:06	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
57-74-9	Chlordane, total	ND		ug/kg dry	40.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA



Sample Information

Client Sample ID: SB-4 (8-9)-20170522

York Sample ID: 17E0901-02

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 9:30 am	<u>Date Received</u> 05/22/2017
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
72-20-8	Endrin	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/23/2017 08:07	05/23/2017 22:06	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
8001-35-2	Toxaphene	ND		ug/kg dry	103	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:06	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	31.1 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	20.1 %	GC-Sur		30-150					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/26/2017 08:34	05/26/2017 14:16	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/26/2017 08:34	05/26/2017 14:16	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/26/2017 08:34	05/26/2017 14:16	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/26/2017 08:34	05/26/2017 14:16	LAB



Sample Information

Client Sample ID: SB-4 (8-9)-20170522

York Sample ID: 17E0901-02

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 9:30 am	<u>Date Received</u> 05/22/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/26/2017 08:34	05/26/2017 14:16	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/26/2017 08:34	05/26/2017 14:16	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/26/2017 08:34	05/26/2017 14:16	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	05/26/2017 08:34	05/26/2017 14:16	LAB
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	19.0 %	S-DUP	30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	27.0 %	S-DUP	30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1930		mg/kg dry	6.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7440-36-0	Antimony	1.29		mg/kg dry	0.616	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7440-38-2	Arsenic	8.42		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7440-39-3	Barium	61.8		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.123	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7440-43-9	Cadmium	1.17		mg/kg dry	0.370	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7440-70-2	Calcium	14300		mg/kg dry	6.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7440-47-3	Chromium	8.83		mg/kg dry	0.616	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7440-48-4	Cobalt	4.82		mg/kg dry	0.616	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7440-50-8	Copper	46.1		mg/kg dry	0.616	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7439-89-6	Iron	9920		mg/kg dry	2.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7439-92-1	Lead	103		mg/kg dry	0.370	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7439-95-4	Magnesium	1380		mg/kg dry	6.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML



Sample Information

Client Sample ID: SB-4 (8-9)-20170522

York Sample ID: 17E0901-02

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 9:30 am	<u>Date Received</u> 05/22/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	338		mg/kg dry	0.616	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7440-02-0	Nickel	10.6		mg/kg dry	0.616	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7440-09-7	Potassium	322	B	mg/kg dry	6.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7782-49-2	Selenium	3.32		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7440-22-4	Silver	ND		mg/kg dry	0.616	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7440-23-5	Sodium	355	B	mg/kg dry	12.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/25/2017 15:20	05/27/2017 00:51	KML
7440-28-0	Thallium	ND		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7440-62-2	Vanadium	10.9		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML
7440-66-6	Zinc	195		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:51	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.868		mg/kg dry	0.0370	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/24/2017 09:17	05/24/2017 14:46	SY

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	81.1		%	0.100	1	SM 2540G Certifications: CTDOH	05/24/2017 13:30	05/24/2017 15:49	TAJ

Sample Information

Client Sample ID: MW-4-20170522

York Sample ID: 17E0901-03

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 22, 2017 10:25 am	<u>Date Received</u> 05/22/2017
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Sample Information

Client Sample ID: MW-4-20170522

York Sample ID: 17E0901-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Water

May 22, 2017 10:25 am

05/22/2017

Volatile Organics, 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	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
75-34-3	1,1-Dichloroethane	0.24	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
95-63-6	1,2,4-Trimethylbenzene	6.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
108-67-8	1,3,5-Trimethylbenzene	2.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK



Sample Information

Client Sample ID: MW-4-20170522

York Sample ID: 17E0901-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Water

May 22, 2017 10:25 am

05/22/2017

Volatile Organics, 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
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
71-43-2	Benzene	2.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
100-41-4	Ethyl Benzene	3.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
98-82-8	Isopropylbenzene	0.21	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK



Sample Information

Client Sample ID: MW-4-20170522

York Sample ID: 17E0901-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Water

May 22, 2017 10:25 am

05/22/2017

Volatile Organics, 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
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
103-65-1	n-Propylbenzene	0.31	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
95-47-6	o-Xylene	12		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/23/2017 07:15	05/23/2017 12:59	BK
179601-23-1	p- & m- Xylenes	24		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/23/2017 07:15	05/23/2017 12:59	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
100-42-5	Styrene	4.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
108-88-3	Toluene	7.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK
1330-20-7	* Xylenes, Total	36		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/23/2017 07:15	05/23/2017 12:59	BK

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-4-20170522

York Sample ID: 17E0901-03

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 22, 2017 10:25 am	<u>Date Received</u> 05/22/2017
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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	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
91-57-6	2-Methylnaphthalene	17.0		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR



Sample Information

Client Sample ID: MW-4-20170522

York Sample ID: 17E0901-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Water

May 22, 2017 10:25 am

05/22/2017

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
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
83-32-9	Acenaphthene	0.821		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:31	RB
208-96-8	Acenaphthylene	6.21		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
120-12-7	Anthracene	3.27		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:31	RB
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:31	RB
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
92-87-5	Benzidine	ND		ug/L	10.5	21.1	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
56-55-3	Benzo(a)anthracene	6.02		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
50-32-8	Benzo(a)pyrene	5.41		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
205-99-2	Benzo(b)fluoranthene	2.39		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:31	RB
191-24-2	Benzo(g,h,i)perylene	1.95		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:31	RB
207-08-9	Benzo(k)fluoranthene	3.46		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:31	RB
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR



Sample Information

Client Sample ID: MW-4-20170522

York Sample ID: 17E0901-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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17E0901

170178 38-21 12th St

Water

May 22, 2017 10:25 am

05/22/2017

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
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:31	RB
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
218-01-9	Chrysene	6.49		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
53-70-3	Dibenzo(a,h)anthracene	0.947		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:31	RB
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
91-20-3	Naphthalene	83.4	B	ug/L	0.263	0.263	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/31/2017 14:05	SR
206-44-0	Fluoranthene	7.60		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
86-73-7	Fluorene	3.61		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:31	RB
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:31	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
193-39-5	Indeno(1,2,3-cd)pyrene	1.61		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:31	RB
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:31	RB



Sample Information

Client Sample ID: MW-4-20170522

York Sample ID: 17E0901-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Water

May 22, 2017 10:25 am

05/22/2017

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
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:31	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:31	RB
85-01-8	Phenanthrene	9.67		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR
129-00-0	Pyrene	13.3		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 22:28	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	29.5 %		12-64
4165-62-2	Surrogate: Phenol-d5	17.1 %		10-82
4165-60-0	Surrogate: Nitrobenzene-d5	68.1 %		12-96
321-60-8	Surrogate: 2-Fluorobiphenyl	79.8 %		16-84
118-79-6	Surrogate: 2,4,6-Tribromophenol	129 %	S-08	15-104
1718-51-0	Surrogate: Terphenyl-d14	66.6 %		15-106

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
57-74-9	Chlordane, total	ND		ug/L	0.0222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA



Sample Information

Client Sample ID: MW-4-20170522

York Sample ID: 17E0901-03

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 22, 2017 10:25 am	<u>Date Received</u> 05/22/2017
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/L	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 10:39	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	51.0 %		30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	24.7 %	GC-SC	30-150

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 11:09	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 11:09	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 11:09	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 11:09	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 11:09	SA



Sample Information

Client Sample ID: MW-4-20170522

York Sample ID: 17E0901-03

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 22, 2017 10:25 am	<u>Date Received</u> 05/22/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 11:09	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 07:27	05/30/2017 11:09	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 8082A Certifications:	05/23/2017 07:27	05/30/2017 11:09	SA
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	26.0 %	S-GC		30-120					
2051-24-3	Surrogate: Decachlorobiphenyl	59.5 %			30-120					

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.0661		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:36	KML
7440-39-3	Barium	0.0891		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:36	KML
7440-70-2	Calcium	123		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:36	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:36	KML
7440-50-8	Copper	0.00713		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:36	KML
7439-89-6	Iron	0.291		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:36	KML
7439-92-1	Lead	0.0139		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:36	KML
7439-95-4	Magnesium	12.6		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:36	KML
7439-96-5	Manganese	0.0568		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:36	KML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:36	KML
7440-09-7	Potassium	9.65		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:36	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:36	KML
7440-23-5	Sodium	81.1		mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:36	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:36	KML
7440-66-6	Zinc	0.0513		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:36	KML



Sample Information

Client Sample ID: MW-4-20170522

York Sample ID: 17E0901-03

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 22, 2017 10:25 am	<u>Date Received</u> 05/22/2017
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Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:21	KML
7440-39-3	Barium	0.0836		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:21	KML
7440-70-2	Calcium	112	B	mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:21	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:21	KML
7440-50-8	Copper	0.00442		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:21	KML
7439-89-6	Iron	0.0528		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:21	KML
7439-92-1	Lead	0.00605		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:21	KML
7439-95-4	Magnesium	11.8		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:21	KML
7439-96-5	Manganese	0.0568		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:21	KML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:21	KML
7440-09-7	Potassium	9.05		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:21	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:21	KML
7440-23-5	Sodium	83.0	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:21	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:21	KML
7440-66-6	Zinc	0.0517	B	mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:21	KML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:03	05/26/2017 21:11	KML
7440-38-2	Arsenic	ND		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:03	05/26/2017 21:11	KML
7440-41-7	Beryllium	ND		ug/L	0.667	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:03	05/26/2017 21:11	KML
7440-43-9	Cadmium	ND		ug/L	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:03	05/26/2017 21:11	KML



Sample Information

Client Sample ID: MW-4-20170522

York Sample ID: 17E0901-03

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 22, 2017 10:25 am	<u>Date Received</u> 05/22/2017
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Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-98-7	Molybdenum	2.35		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:03	05/26/2017 21:11	KML
7782-49-2	Selenium	2.25		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:03	05/26/2017 21:11	KML
7440-28-0	Thallium	ND		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:03	05/26/2017 21:11	KML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:05	05/26/2017 20:23	KML
7440-38-2	Arsenic	ND		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:05	05/26/2017 20:23	KML
7440-41-7	Beryllium	ND		ug/L	0.222	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:05	05/26/2017 20:23	KML
7440-43-9	Cadmium	ND		ug/L	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:05	05/26/2017 20:23	KML
7439-98-7	Molybdenum	ND		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:05	05/26/2017 20:23	KML
7782-49-2	Selenium	ND		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:05	05/26/2017 20:23	KML
7440-28-0	Thallium	ND		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:05	05/26/2017 20:23	KML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:51	06/01/2017 14:51	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:51	06/01/2017 14:51	AA



Sample Information

Client Sample ID: SB-11 (7-8)-20170522

York Sample ID: 17E0901-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 11:00 am

05/22/2017

Volatile Organics, 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	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 15:12	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 15:12	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
95-63-6	1,2,4-Trimethylbenzene	2.2		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
108-67-8	1,3,5-Trimethylbenzene	0.92	J	mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	18	36	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK



Sample Information

Client Sample ID: SB-11 (7-8)-20170522

York Sample ID: 17E0901-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 11:00 am

05/22/2017

Volatile Organics, 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
67-64-1	Acetone	ND		mg/kg dry	1.8	3.6	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
107-02-8	Acrolein	ND		mg/kg dry	1.8	3.6	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
71-43-2	Benzene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
75-25-2	Bromoform	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
67-66-3	Chloroform	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK



Sample Information

Client Sample ID: SB-11 (7-8)-20170522

York Sample ID: 17E0901-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 11:00 am

05/22/2017

Volatile Organics, 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
79-20-9	Methyl acetate	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
75-09-2	Methylene chloride	ND		mg/kg dry	1.8	3.6	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
95-47-6	o-Xylene	1.2	J	mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	1.8	3.6	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
100-42-5	Styrene	2.2		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
108-88-3	Toluene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.91	1.8	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 15:12	BK
1330-20-7	Xylenes, Total	2.8	J	mg/kg dry	2.7	5.5	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 15:12	BK

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-11 (7-8)-20170522

York Sample ID: 17E0901-04

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 11:00 am	<u>Date Received</u> 05/22/2017
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Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
91-57-6	2-Methylnaphthalene	41300		ug/kg dry	2620	5220	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 11:39	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	522	1040	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	522	1040	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
83-32-9	Acenaphthene	5650		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
208-96-8	Acenaphthylene	21300		ug/kg dry	2620	5220	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 11:39	SR
62-53-3	Aniline	ND		ug/kg dry	1050	2090	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
120-12-7	Anthracene	31200		ug/kg dry	2620	5220	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 11:39	SR
56-55-3	Benzo(a)anthracene	51700		ug/kg dry	2620	5220	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 11:39	SR
50-32-8	Benzo(a)pyrene	12700		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
205-99-2	Benzo(b)fluoranthene	24600		ug/kg dry	2620	5220	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 11:39	SR
191-24-2	Benzo(g,h,i)perylene	11300		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
207-08-9	Benzo(k)fluoranthene	13000		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR



Sample Information

Client Sample ID: SB-11 (7-8)-20170522

York Sample ID: 17E0901-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 11:00 am

05/22/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
86-74-8	Carbazole	1260		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
218-01-9	Chrysene	63900		ug/kg dry	2620	5220	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 11:39	SR
53-70-3	Dibenzo(a,b)anthracene	6920		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
132-64-9	Dibenzofuran	4870		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
206-44-0	Fluoranthene	81400		ug/kg dry	2620	5220	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 11:39	SR
86-73-7	Fluorene	30900		ug/kg dry	2620	5220	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 11:39	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
193-39-5	Indeno(1,2,3-cd)pyrene	11600		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
78-59-1	Isophorone	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
91-20-3	Naphthalene	26800		ug/kg dry	2620	5220	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 11:39	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR



Sample Information

Client Sample ID: SB-11 (7-8)-20170522

York Sample ID: 17E0901-04

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 11:00 am	<u>Date Received</u> 05/22/2017
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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	262	522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
85-01-8	Phenanthrene	165000		ug/kg dry	2620	5220	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 11:39	SR
129-00-0	Pyrene	150000		ug/kg dry	2620	5220	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 11:39	SR
110-86-1	Pyridine	ND		ug/kg dry	1050	2090	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 02:25	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	48.3 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	51.6 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	39.0 %	24-116								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1690		mg/kg dry	6.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7440-36-0	Antimony	2.83		mg/kg dry	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7440-38-2	Arsenic	26.8		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7440-39-3	Barium	63.8		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.126	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7440-43-9	Cadmium	3.20		mg/kg dry	0.377	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7440-70-2	Calcium	14300		mg/kg dry	6.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7440-47-3	Chromium	12.2		mg/kg dry	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7440-48-4	Cobalt	4.59		mg/kg dry	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7440-50-8	Copper	211		mg/kg dry	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7439-89-6	Iron	84800		mg/kg dry	25.1	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/30/2017 17:39	KML



Sample Information

Client Sample ID: SB-11 (7-8)-20170522

York Sample ID: 17E0901-04

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 11:00 am	<u>Date Received</u> 05/22/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	548		mg/kg dry	0.377	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7439-95-4	Magnesium	638		mg/kg dry	6.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7439-96-5	Manganese	158		mg/kg dry	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7440-02-0	Nickel	12.5		mg/kg dry	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7440-09-7	Potassium	622	B	mg/kg dry	6.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7782-49-2	Selenium	10.3		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7440-22-4	Silver	ND		mg/kg dry	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7440-23-5	Sodium	578	B	mg/kg dry	12.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/25/2017 15:20	05/27/2017 00:56	KML
7440-28-0	Thallium	ND		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7440-62-2	Vanadium	53.7		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML
7440-66-6	Zinc	63.2		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 00:56	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	3.49		mg/kg dry	0.0377	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/24/2017 09:17	05/24/2017 14:58	SY

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	79.6		%	0.100	1	SM 2540G Certifications: CTDOH	05/24/2017 13:30	05/24/2017 15:49	TAJ



Sample Information

Client Sample ID: SB-9 (8-9)-20170522

York Sample ID: 17E0901-05

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 11:45 am	<u>Date Received</u> 05/22/2017
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Volatile Organics, 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	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 14:08	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 14:08	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
95-63-6	1,2,4-Trimethylbenzene	0.0060		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
108-67-8	1,3,5-Trimethylbenzene	0.0039	J	mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.040	0.080	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK



Sample Information

Client Sample ID: SB-9 (8-9)-20170522

York Sample ID: 17E0901-05

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 11:45 am	<u>Date Received</u> 05/22/2017
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Volatile Organics, 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
67-64-1	Acetone	0.0051	CCV-E, SCAL-E, J	mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
71-43-2	Benzene	0.045		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
100-41-4	Ethyl Benzene	0.0085		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK



Sample Information

Client Sample ID: SB-9 (8-9)-20170522

York Sample ID: 17E0901-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 11:45 am

05/22/2017

Volatile Organics, 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
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
95-47-6	o-Xylene	0.0078		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
179601-23-1	p- & m- Xylenes	0.014		mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
108-88-3	Toluene	0.023		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:08	BK
1330-20-7	Xylenes, Total	0.022		mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 14:08	BK

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-9 (8-9)-20170522

York Sample ID: 17E0901-05

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 11:45 am	<u>Date Received</u> 05/22/2017
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Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
91-57-6	2-Methylnaphthalene	88400		ug/kg dry	2570	5120	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 11:07	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	512	1020	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	512	1020	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
83-32-9	Acenaphthene	2540		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
208-96-8	Acenaphthylene	4270		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
62-53-3	Aniline	ND		ug/kg dry	1020	2050	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
120-12-7	Anthracene	9210		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
56-55-3	Benzo(a)anthracene	10100		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
50-32-8	Benzo(a)pyrene	5470		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
205-99-2	Benzo(b)fluoranthene	4260		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
191-24-2	Benzo(g,h,i)perylene	1910		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
207-08-9	Benzo(k)fluoranthene	5260		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR



Sample Information

Client Sample ID: SB-9 (8-9)-20170522

York Sample ID: 17E0901-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 11:45 am

05/22/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
86-74-8	Carbazole	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
218-01-9	Chrysene	10900		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
53-70-3	Dibenzo(a,h)anthracene	1040		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
132-64-9	Dibenzofuran	626		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
206-44-0	Fluoranthene	19600		ug/kg dry	2570	5120	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 11:07	SR
86-73-7	Fluorene	4900		ug/kg dry	257	512	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
193-39-5	Indeno(1,2,3-cd)pyrene	1740		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
78-59-1	Isophorone	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
91-20-3	Naphthalene	272000		ug/kg dry	12800	25600	500	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 16:36	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR



Sample Information

Client Sample ID: SB-9 (8-9)-20170522

York Sample ID: 17E0901-05

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 11:45 am	<u>Date Received</u> 05/22/2017
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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	257	512	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
85-01-8	Phenanthrene	33100		ug/kg dry	2570	5120	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 11:07	SR
129-00-0	Pyrene	37800		ug/kg dry	2570	5120	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 11:07	SR
110-86-1	Pyridine	ND		ug/kg dry	1020	2050	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 13:47	SR
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	1.92 %	S-01	22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	42.4 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	40.8 %		24-116							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1380		mg/kg dry	6.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7440-36-0	Antimony	3.00		mg/kg dry	0.614	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7440-38-2	Arsenic	19.0		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7440-39-3	Barium	29.2		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.123	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7440-43-9	Cadmium	1.66		mg/kg dry	0.368	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7440-70-2	Calcium	4270		mg/kg dry	6.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7440-47-3	Chromium	6.22		mg/kg dry	0.614	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7440-48-4	Cobalt	3.42		mg/kg dry	0.614	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7440-50-8	Copper	342		mg/kg dry	0.614	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7439-89-6	Iron	31500		mg/kg dry	2.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML



Sample Information

Client Sample ID: SB-9 (8-9)-20170522

York Sample ID: 17E0901-05

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 11:45 am	<u>Date Received</u> 05/22/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	65.6		mg/kg dry	0.368	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7439-95-4	Magnesium	530		mg/kg dry	6.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7439-96-5	Manganese	139		mg/kg dry	0.614	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7440-02-0	Nickel	7.77		mg/kg dry	0.614	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7440-09-7	Potassium	346	B	mg/kg dry	6.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7782-49-2	Selenium	5.12		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7440-22-4	Silver	ND		mg/kg dry	0.614	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7440-23-5	Sodium	322	B	mg/kg dry	12.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/25/2017 15:20	05/27/2017 01:04	KML
7440-28-0	Thallium	ND		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7440-62-2	Vanadium	20.3		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML
7440-66-6	Zinc	87.4		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:04	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.141		mg/kg dry	0.0368	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/24/2017 09:17	05/24/2017 15:09	SY

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	81.5		%	0.100	1	SM 2540G Certifications: CTDOH	05/24/2017 13:30	05/24/2017 15:49	TAJ



Sample Information

Client Sample ID: SB-3 (1-2)-20170522

York Sample ID: 17E0901-06

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 12:30 pm	<u>Date Received</u> 05/22/2017
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Volatile Organics, 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	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 14:40	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 14:40	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	17	33	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK



Sample Information

Client Sample ID: SB-3 (1-2)-20170522

York Sample ID: 17E0901-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 12:30 pm

05/22/2017

Volatile Organics, 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
67-64-1	Acetone	ND		mg/kg dry	1.7	3.3	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
107-02-8	Acrolein	ND		mg/kg dry	1.7	3.3	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
71-43-2	Benzene	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
75-25-2	Bromoform	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
67-66-3	Chloroform	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.83	1.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 14:40	BK



Sample Information

Client Sample ID: SB-3 (1-2)-20170522

York Sample ID: 17E0901-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 12:30 pm

05/22/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include various chemical compounds like Methyl acetate, MTBE, Methylcyclohexane, etc.

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-3 (1-2)-20170522

York Sample ID: 17E0901-06

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 12:30 pm	<u>Date Received</u> 05/22/2017
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Sample Prepared by Method: EPA 3550C

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 Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
91-57-6	2-Methylnaphthalene	0.127		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR



Sample Information

Client Sample ID: SB-3 (1-2)-20170522

York Sample ID: 17E0901-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 12:30 pm

05/22/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
83-32-9	Acenaphthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
208-96-8	Acenaphthylene	0.416		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
62-53-3	Aniline	ND		mg/kg dry	0.183	0.365	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
120-12-7	Anthracene	0.215		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.365	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
56-55-3	Benzo(a)anthracene	0.738		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
50-32-8	Benzo(a)pyrene	0.824		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
205-99-2	Benzo(b)fluoranthene	0.737		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
191-24-2	Benzo(g,h,i)perylene	0.735		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
207-08-9	Benzo(k)fluoranthene	0.832		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
65-85-0	Benzoic acid	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR



Sample Information

Client Sample ID: SB-3 (1-2)-20170522

York Sample ID: 17E0901-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 12:30 pm

05/22/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
86-74-8	Carbazole	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
218-01-9	Chrysene	0.902		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
53-70-3	Dibenzo(a,h)anthracene	0.263		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
206-44-0	Fluoranthene	0.612		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
86-73-7	Fluorene	0.0466	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
193-39-5	Indeno(1,2,3-cd)pyrene	0.523		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
78-59-1	Isophorone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
91-20-3	Naphthalene	0.445		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR



Sample Information

Client Sample ID: SB-3 (1-2)-20170522

York Sample ID: 17E0901-06

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 12:30 pm	<u>Date Received</u> 05/22/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
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	05/26/2017 08:27	05/30/2017 23:12	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
85-01-8	Phenanthrene	0.348		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR
129-00-0	Pyrene	1.08		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:12	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	32.2 %	20-108
4165-62-2	Surrogate: Phenol-d5	34.4 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	35.5 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	34.4 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	42.9 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	34.0 %	24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
309-00-2	Aldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/23/2017 08:07	05/23/2017 22:21	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA



Sample Information

Client Sample ID: SB-3 (1-2)-20170522

York Sample ID: 17E0901-06

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 12:30 pm	<u>Date Received</u> 05/22/2017
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
72-20-8	Endrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/23/2017 08:07	05/23/2017 22:21	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
8001-35-2	Toxaphene	ND		ug/kg dry	91.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:21	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	41.2 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	33.6 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 17:30	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 17:30	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 17:30	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 17:30	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 17:30	LAB



Sample Information

Client Sample ID: SB-3 (1-2)-20170522

York Sample ID: 17E0901-06

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 12:30 pm	<u>Date Received</u> 05/22/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 17:30	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 17:30	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	05/23/2017 08:07	05/24/2017 17:30	LAB
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	39.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	40.0 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5540		mg/kg dry	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7440-36-0	Antimony	ND		mg/kg dry	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7440-38-2	Arsenic	4.70		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7440-39-3	Barium	376		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.109	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7440-43-9	Cadmium	1.24		mg/kg dry	0.328	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7440-70-2	Calcium	8650		mg/kg dry	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7440-47-3	Chromium	10.2		mg/kg dry	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7440-48-4	Cobalt	6.46		mg/kg dry	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7440-50-8	Copper	73.6		mg/kg dry	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7439-89-6	Iron	11400		mg/kg dry	2.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7439-92-1	Lead	562		mg/kg dry	0.328	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7439-95-4	Magnesium	2660		mg/kg dry	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7439-96-5	Manganese	138		mg/kg dry	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML



Sample Information

Client Sample ID: SB-3 (1-2)-20170522

York Sample ID: 17E0901-06

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 12:30 pm	<u>Date Received</u> 05/22/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	11.6		mg/kg dry	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7440-09-7	Potassium	3010	B	mg/kg dry	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7782-49-2	Selenium	2.65		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7440-22-4	Silver	ND		mg/kg dry	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7440-23-5	Sodium	485	B	mg/kg dry	10.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/25/2017 15:20	05/27/2017 01:09	KML
7440-28-0	Thallium	ND		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7440-62-2	Vanadium	18.3		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML
7440-66-6	Zinc	112		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:09	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.164		mg/kg dry	0.0328	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/24/2017 09:17	05/24/2017 15:18	SY

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	91.5		%	0.100	1	SM 2540G Certifications: CTDOH	05/24/2017 13:30	05/24/2017 15:49	TAJ

Sample Information

Client Sample ID: SB-3 (8-9)-20170522

York Sample ID: 17E0901-07

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 12:40 pm	<u>Date Received</u> 05/22/2017
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-3 (8-9)-20170522

York Sample ID: 17E0901-07

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 12:40 pm	<u>Date Received</u> 05/22/2017
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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	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:04	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:04	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK



Sample Information

Client Sample ID: SB-3 (8-9)-20170522

York Sample ID: 17E0901-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 12:40 pm

05/22/2017

Volatile Organics, 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
67-64-1	Acetone	0.012	CCV-E, SCAL-E	mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK



Sample Information

Client Sample ID: SB-3 (8-9)-20170522

York Sample ID: 17E0901-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 12:40 pm

05/22/2017

Volatile Organics, 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
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:04	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:04	BK

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-3 (8-9)-20170522

York Sample ID: 17E0901-07

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 12:40 pm	<u>Date Received</u> 05/22/2017
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Sample Prepared by Method: EPA 3550C

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	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
91-57-6	2-Methylnaphthalene	0.186		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR



Sample Information

Client Sample ID: SB-3 (8-9)-20170522

York Sample ID: 17E0901-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 12:40 pm

05/22/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
83-32-9	Acenaphthene	0.204		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
208-96-8	Acenaphthylene	4.57		mg/kg dry	0.247	0.494	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 12:11	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
62-53-3	Aniline	ND		mg/kg dry	0.198	0.395	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
120-12-7	Anthracene	2.87		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
92-87-5	Benzidine	ND		mg/kg dry	0.198	0.395	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
56-55-3	Benzo(a)anthracene	10.1		mg/kg dry	0.247	0.494	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 12:11	SR
50-32-8	Benzo(a)pyrene	10.8		mg/kg dry	0.247	0.494	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 12:11	SR
205-99-2	Benzo(b)fluoranthene	6.07		mg/kg dry	0.247	0.494	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 12:11	SR
191-24-2	Benzo(g,h,i)perylene	6.79		mg/kg dry	0.247	0.494	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 12:11	SR
207-08-9	Benzo(k)fluoranthene	9.40		mg/kg dry	0.247	0.494	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 12:11	SR
65-85-0	Benzoic acid	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR



Sample Information

Client Sample ID: SB-3 (8-9)-20170522

York Sample ID: 17E0901-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 12:40 pm

05/22/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
86-74-8	Carbazole	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
218-01-9	Chrysene	11.4		mg/kg dry	0.247	0.494	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 12:11	SR
53-70-3	Dibenzo(a,h)anthracene	1.76		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
206-44-0	Fluoranthene	11.2		mg/kg dry	0.247	0.494	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 12:11	SR
86-73-7	Fluorene	0.470		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
193-39-5	Indeno(1,2,3-cd)pyrene	3.14		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
78-59-1	Isophorone	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
91-20-3	Naphthalene	0.373		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR



Sample Information

Client Sample ID: SB-3 (8-9)-20170522

York Sample ID: 17E0901-07

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 12:40 pm	<u>Date Received</u> 05/22/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
85-01-8	Phenanthrene	2.78		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
108-95-2	Phenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 01:20	SR
129-00-0	Pyrene	20.6		mg/kg dry	0.495	0.987	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 17:08	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	33.5 %		20-108
4165-62-2	Surrogate: Phenol-d5	36.1 %		23-114
4165-60-0	Surrogate: Nitrobenzene-d5	38.9 %		22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	44.2 %		21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	46.6 %		19-110
1718-51-0	Surrogate: Terphenyl-d14	20.2 %	S-08	24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
309-00-2	Aldrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/23/2017 08:07	05/23/2017 22:36	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
57-74-9	Chlordane, total	ND		ug/kg dry	39.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA



Sample Information

Client Sample ID: SB-3 (8-9)-20170522

York Sample ID: 17E0901-07

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 12:40 pm	<u>Date Received</u> 05/22/2017
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
72-20-8	Endrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/23/2017 08:07	05/23/2017 22:36	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
8001-35-2	Toxaphene	ND		ug/kg dry	99.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:36	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	40.2 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	34.6 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 17:46	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 17:46	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 17:46	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 17:46	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 17:46	LAB



Sample Information

Client Sample ID: SB-3 (8-9)-20170522

York Sample ID: 17E0901-07

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 12:40 pm	<u>Date Received</u> 05/22/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 17:46	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/24/2017 17:46	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	05/23/2017 08:07	05/24/2017 17:46	LAB
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	41.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	40.5 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1110		mg/kg dry	5.94	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7440-36-0	Antimony	1.08		mg/kg dry	0.594	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7440-38-2	Arsenic	2.74		mg/kg dry	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7440-39-3	Barium	25.9		mg/kg dry	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.119	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7440-43-9	Cadmium	0.541		mg/kg dry	0.356	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7440-70-2	Calcium	1330		mg/kg dry	5.94	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7440-47-3	Chromium	3.05		mg/kg dry	0.594	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7440-48-4	Cobalt	6.24		mg/kg dry	0.594	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7440-50-8	Copper	84.1		mg/kg dry	0.594	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7439-89-6	Iron	6940		mg/kg dry	2.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7439-92-1	Lead	22.4		mg/kg dry	0.356	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7439-95-4	Magnesium	243		mg/kg dry	5.94	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7439-96-5	Manganese	192		mg/kg dry	0.594	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML



Sample Information

Client Sample ID: SB-3 (8-9)-20170522

York Sample ID: 17E0901-07

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 12:40 pm	<u>Date Received</u> 05/22/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	12.5		mg/kg dry	0.594	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7440-09-7	Potassium	204	B	mg/kg dry	5.94	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7782-49-2	Selenium	4.09		mg/kg dry	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7440-22-4	Silver	ND		mg/kg dry	0.594	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7440-23-5	Sodium	321	B	mg/kg dry	11.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/25/2017 15:20	05/27/2017 01:17	KML
7440-28-0	Thallium	ND		mg/kg dry	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7440-62-2	Vanadium	5.44		mg/kg dry	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML
7440-66-6	Zinc	87.9		mg/kg dry	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:17	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0356	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/24/2017 09:17	05/24/2017 15:26	SY

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	84.2		%	0.100	1	SM 2540G Certifications: CTDOH	05/24/2017 13:30	05/24/2017 15:49	TAJ

Sample Information

Client Sample ID: MW-3-20170522

York Sample ID: 17E0901-08

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 22, 2017 1:30 pm	<u>Date Received</u> 05/22/2017
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-3-20170522

York Sample ID: 17E0901-08

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 22, 2017 1:30 pm	<u>Date Received</u> 05/22/2017
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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	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
71-55-6	1,1,1-Trichloroethane	24		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
75-34-3	1,1-Dichloroethane	2.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
106-46-7	1,4-Dichlorobenzene	0.50		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
67-64-1	Acetone	1.2	J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK



Sample Information

Client Sample ID: MW-3-20170522

York Sample ID: 17E0901-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Water

May 22, 2017 1:30 pm

05/22/2017

Volatile Organics, 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
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
71-43-2	Benzene	0.95		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
75-15-0	Carbon disulfide	0.76		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
67-66-3	Chloroform	290		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/24/2017 07:15	05/24/2017 12:19	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
156-59-2	cis-1,2-Dichloroethylene	0.97		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK



Sample Information

Client Sample ID: MW-3-20170522

York Sample ID: 17E0901-08

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 22, 2017 1:30 pm	<u>Date Received</u> 05/22/2017
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Volatile Organics, 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
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
75-09-2	Methylene chloride	1.0	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
95-47-6	o-Xylene	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/23/2017 07:15	05/23/2017 13:27	BK
179601-23-1	p- & m- Xylenes	0.87	J	ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/23/2017 07:15	05/23/2017 13:27	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
127-18-4	Tetrachloroethylene	1.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
79-01-6	Trichloroethylene	0.31	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK
1330-20-7	* Xylenes, Total	1.1	J	ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/23/2017 07:15	05/23/2017 13:27	BK

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 Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR



Sample Information

Client Sample ID: MW-3-20170522

York Sample ID: 17E0901-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Water

May 22, 2017 1:30 pm

05/22/2017

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
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR



Sample Information

Client Sample ID: MW-3-20170522

York Sample ID: 17E0901-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Water

May 22, 2017 1:30 pm

05/22/2017

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
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
83-32-9	Acenaphthene	0.574		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
208-96-8	Acenaphthylene	0.215		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR



Sample Information

Client Sample ID: MW-3-20170522

York Sample ID: 17E0901-08

York Project (SDG) No.

Client Project ID

Matrix

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17E0901

170178 38-21 12th St

Water

May 22, 2017 1:30 pm

05/22/2017

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
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
91-20-3	Naphthalene	0.451	B	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
206-44-0	Fluoranthene	0.0718		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
86-73-7	Fluorene	0.185		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB



Sample Information

Client Sample ID: MW-3-20170522

York Sample ID: 17E0901-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Water

May 22, 2017 1:30 pm

05/22/2017

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
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
85-01-8	Phenanthrene	0.123		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/30/2017 21:57	SR
129-00-0	Pyrene	0.123		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:35	05/25/2017 19:00	RB

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	27.5 %		12-64
4165-62-2	Surrogate: Phenol-d5	15.9 %		10-82
4165-60-0	Surrogate: Nitrobenzene-d5	65.4 %		12-96
321-60-8	Surrogate: 2-Fluorobiphenyl	73.8 %		16-84
118-79-6	Surrogate: 2,4,6-Tribromophenol	110 %	S-08	15-104
1718-51-0	Surrogate: Terphenyl-d14	65.5 %		15-106

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA



Sample Information

Client Sample ID: MW-3-20170522

York Sample ID: 17E0901-08

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 22, 2017 1:30 pm	<u>Date Received</u> 05/22/2017
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:27	05/24/2017 14:52	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	45.4 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	55.8 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 07:27	05/25/2017 09:27	LAB
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 07:27	05/25/2017 09:27	LAB
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 07:27	05/25/2017 09:27	LAB
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 07:27	05/25/2017 09:27	LAB
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 07:27	05/25/2017 09:27	LAB



Sample Information

Client Sample ID: MW-3-20170522

York Sample ID: 17E0901-08

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 22, 2017 1:30 pm	<u>Date Received</u> 05/22/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 07:27	05/25/2017 09:27	LAB
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 07:27	05/25/2017 09:27	LAB
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	05/23/2017 07:27	05/25/2017 09:27	LAB
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	60.0 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	54.0 %	30-120							

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.112		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:54	KML
7440-39-3	Barium	0.0882		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:54	KML
7440-70-2	Calcium	136		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:54	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:54	KML
7440-50-8	Copper	0.00466		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:54	KML
7439-89-6	Iron	0.187		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:54	KML
7439-92-1	Lead	0.00562		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:54	KML
7439-95-4	Magnesium	16.0		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:54	KML
7439-96-5	Manganese	0.165		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:54	KML
7440-02-0	Nickel	0.0163		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:54	KML
7440-09-7	Potassium	10.6		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:54	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:54	KML
7440-23-5	Sodium	113		mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:54	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:54	KML



Sample Information

Client Sample ID: MW-3-20170522

York Sample ID: 17E0901-08

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 22, 2017 1:30 pm	<u>Date Received</u> 05/22/2017
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Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.208		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 14:59	05/25/2017 22:54	KML

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.0606		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:26	KML
7440-39-3	Barium	0.128		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:26	KML
7440-70-2	Calcium	187	B	mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:26	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:26	KML
7440-50-8	Copper	0.00921		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:26	KML
7439-89-6	Iron	0.272		mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:26	KML
7439-92-1	Lead	0.0141		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:26	KML
7439-95-4	Magnesium	22.9		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:26	KML
7439-96-5	Manganese	0.238		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:26	KML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:26	KML
7440-09-7	Potassium	15.6		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:26	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:26	KML
7440-23-5	Sodium	175	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:26	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:26	KML
7440-66-6	Zinc	0.273	B	mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 14:45	05/26/2017 19:26	KML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:03	05/26/2017 21:45	KML



Sample Information

Client Sample ID: MW-3-20170522

York Sample ID: 17E0901-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Water

May 22, 2017 1:30 pm

05/22/2017

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:03	05/26/2017 21:45	KML
7440-41-7	Beryllium	ND		ug/L	0.667	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:03	05/26/2017 21:45	KML
7440-43-9	Cadmium	ND		ug/L	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:03	05/26/2017 21:45	KML
7439-98-7	Molybdenum	2.73		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:03	05/26/2017 21:45	KML
7782-49-2	Selenium	3.86		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:03	05/26/2017 21:45	KML
7440-28-0	Thallium	ND		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:03	05/26/2017 21:45	KML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:05	05/26/2017 20:43	KML
7440-38-2	Arsenic	ND		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:05	05/26/2017 20:43	KML
7440-41-7	Beryllium	ND		ug/L	0.222	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:05	05/26/2017 20:43	KML
7440-43-9	Cadmium	ND		ug/L	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:05	05/26/2017 20:43	KML
7439-98-7	Molybdenum	2.84		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:05	05/26/2017 20:43	KML
7782-49-2	Selenium	4.31		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:05	05/26/2017 20:43	KML
7440-28-0	Thallium	ND		ug/L	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 18:05	05/26/2017 20:43	KML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:51	06/01/2017 14:51	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2017 14:51	06/01/2017 14:51	AA



Sample Information

Client Sample ID: SB-1 (1-2)-20170522

York Sample ID: 17E0901-09

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 2:50 pm	<u>Date Received</u> 05/22/2017
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Volatile Organics, 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	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:32	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 12:32	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.024	0.048	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK



Sample Information

Client Sample ID: SB-1 (1-2)-20170522

York Sample ID: 17E0901-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 2:50 pm

05/22/2017

Volatile Organics, 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
67-64-1	Acetone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
71-43-2	Benzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 12:32	BK



Sample Information

Client Sample ID: SB-1 (1-2)-20170522

York Sample ID: 17E0901-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 2:50 pm

05/22/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various organic compounds like Methyl acetate, MTBE, etc., with results mostly ND.

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-1 (1-2)-20170522

York Sample ID: 17E0901-09

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 2:50 pm	<u>Date Received</u> 05/22/2017
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Sample Prepared by Method: EPA 3550C

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	0.0471	0.0940	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR



Sample Information

Client Sample ID: SB-1 (1-2)-20170522

York Sample ID: 17E0901-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 2:50 pm

05/22/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
83-32-9	Acenaphthene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
62-53-3	Aniline	ND		mg/kg dry	0.188	0.376	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
120-12-7	Anthracene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.376	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
65-85-0	Benzoic acid	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR



Sample Information

Client Sample ID: SB-1 (1-2)-20170522

York Sample ID: 17E0901-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 2:50 pm

05/22/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.0940	0.188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
86-74-8	Carbazole	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
218-01-9	Chrysene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
206-44-0	Fluoranthene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
86-73-7	Fluorene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
78-59-1	Isophorone	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
91-20-3	Naphthalene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR



Sample Information

Client Sample ID: SB-1 (1-2)-20170522

York Sample ID: 17E0901-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 2:50 pm

05/22/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
85-01-8	Phenanthrene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
108-95-2	Phenol	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
129-00-0	Pyrene	ND		mg/kg dry	0.0471	0.0940	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/30/2017 23:44	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	38.3 %			20-108						
4165-62-2	Surrogate: Phenol-d5	39.5 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	36.1 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	34.6 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	42.2 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	34.6 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
309-00-2	Aldrin	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/23/2017 08:07	05/23/2017 22:51	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA



Sample Information

Client Sample ID: SB-1 (1-2)-20170522

York Sample ID: 17E0901-09

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 2:50 pm	<u>Date Received</u> 05/22/2017
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
72-20-8	Endrin	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/23/2017 08:07	05/23/2017 22:51	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.30	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA
8001-35-2	Toxaphene	ND		ug/kg dry	94.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 22:51	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	22.4 %	GC-Sur	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	30.0 %	r	30-150

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/26/2017 08:34	05/26/2017 16:17	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/26/2017 08:34	05/26/2017 16:17	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/26/2017 08:34	05/26/2017 16:17	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/26/2017 08:34	05/26/2017 16:17	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/26/2017 08:34	05/26/2017 16:17	LAB



Sample Information

Client Sample ID: SB-1 (1-2)-20170522

York Sample ID: 17E0901-09

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 2:50 pm	<u>Date Received</u> 05/22/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/26/2017 08:34	05/26/2017 16:17	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/26/2017 08:34	05/26/2017 16:17	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	05/26/2017 08:34	05/26/2017 16:17	LAB
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	36.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	33.5 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	11100		mg/kg dry	5.64	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7440-36-0	Antimony	ND		mg/kg dry	0.564	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7440-38-2	Arsenic	ND		mg/kg dry	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7440-39-3	Barium	86.8		mg/kg dry	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.113	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7440-43-9	Cadmium	0.915		mg/kg dry	0.338	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7440-70-2	Calcium	909		mg/kg dry	5.64	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7440-47-3	Chromium	21.1		mg/kg dry	0.564	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7440-48-4	Cobalt	12.2		mg/kg dry	0.564	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7440-50-8	Copper	43.4		mg/kg dry	0.564	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7439-89-6	Iron	19000		mg/kg dry	2.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7439-92-1	Lead	23.0		mg/kg dry	0.338	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7439-95-4	Magnesium	3340		mg/kg dry	5.64	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7439-96-5	Manganese	488		mg/kg dry	0.564	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML



Sample Information

Client Sample ID: SB-1 (1-2)-20170522

York Sample ID: 17E0901-09

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 2:50 pm	<u>Date Received</u> 05/22/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	22.3		mg/kg dry	0.564	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7440-09-7	Potassium	3720	B	mg/kg dry	5.64	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7782-49-2	Selenium	2.75		mg/kg dry	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7440-22-4	Silver	ND		mg/kg dry	0.564	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7440-23-5	Sodium	424	B	mg/kg dry	11.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/25/2017 15:20	05/27/2017 01:22	KML
7440-28-0	Thallium	ND		mg/kg dry	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7440-62-2	Vanadium	30.4		mg/kg dry	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML
7440-66-6	Zinc	45.9		mg/kg dry	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:22	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0478		mg/kg dry	0.0338	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/24/2017 09:17	05/24/2017 15:35	SY

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	88.7		%	0.100	1	SM 2540G Certifications: CTDOH	05/24/2017 13:30	05/24/2017 15:49	TAJ

Sample Information

Client Sample ID: SB-1 (8-9)-20170522

York Sample ID: 17E0901-10

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 3:00 pm	<u>Date Received</u> 05/22/2017
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-1 (8-9)-20170522

York Sample ID: 17E0901-10

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 3:00 pm	<u>Date Received</u> 05/22/2017
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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	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:36	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 13:36	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.027	0.054	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK



Sample Information

Client Sample ID: SB-1 (8-9)-20170522

York Sample ID: 17E0901-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 3:00 pm

05/22/2017

Volatile Organics, 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
67-64-1	Acetone	0.0034	CCV-E, SCAL-E, J	mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
71-43-2	Benzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0013	0.0027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 07:15	05/23/2017 13:36	BK



Sample Information

Client Sample ID: SB-1 (8-9)-20170522

York Sample ID: 17E0901-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 3:00 pm

05/22/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Methyl acetate, MTBE, Methylcyclohexane, Methylene chloride, n-Butylbenzene, n-Propylbenzene, o-Xylene, p- & m- Xylenes, p-Isopropyltoluene, sec-Butylbenzene, Styrene, tert-Butyl alcohol (TBA), tert-Butylbenzene, Tetrachloroethylene, Toluene, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropylene, Trichloroethylene, Trichlorofluoromethane, Vinyl Chloride, Xylenes, Total.

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-1 (8-9)-20170522

York Sample ID: 17E0901-10

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 3:00 pm	<u>Date Received</u> 05/22/2017
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Sample Prepared by Method: EPA 3550C

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	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR



Sample Information

Client Sample ID: SB-1 (8-9)-20170522

York Sample ID: 17E0901-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 3:00 pm

05/22/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
83-32-9	Acenaphthene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
208-96-8	Acenaphthylene	0.101	J	mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
62-53-3	Aniline	ND		mg/kg dry	0.204	0.408	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
120-12-7	Anthracene	0.0709	J	mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
92-87-5	Benzidine	ND		mg/kg dry	0.204	0.408	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
56-55-3	Benzo(a)anthracene	0.194		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
50-32-8	Benzo(a)pyrene	0.190		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
205-99-2	Benzo(b)fluoranthene	0.170		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
191-24-2	Benzo(g,h,i)perylene	0.161		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
207-08-9	Benzo(k)fluoranthene	0.209		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
65-85-0	Benzoic acid	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR



Sample Information

Client Sample ID: SB-1 (8-9)-20170522

York Sample ID: 17E0901-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 3:00 pm

05/22/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
86-74-8	Carbazole	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
218-01-9	Chrysene	0.248		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
53-70-3	Dibenzo(a,h)anthracene	0.0652	J	mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
206-44-0	Fluoranthene	0.310		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
86-73-7	Fluorene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
193-39-5	Indeno(1,2,3-cd)pyrene	0.126		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
78-59-1	Isophorone	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
91-20-3	Naphthalene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR



Sample Information

Client Sample ID: SB-1 (8-9)-20170522

York Sample ID: 17E0901-10

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 3:00 pm	<u>Date Received</u> 05/22/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
85-01-8	Phenanthrene	0.210		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
108-95-2	Phenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR
129-00-0	Pyrene	0.458		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:16	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	37.6 %	20-108
4165-62-2	Surrogate: Phenol-d5	38.0 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	35.9 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	31.3 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	37.3 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	28.4 %	24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
309-00-2	Aldrin	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/23/2017 08:07	05/23/2017 23:06	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
57-74-9	Chlordane, total	ND		ug/kg dry	40.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA



Sample Information

Client Sample ID: SB-1 (8-9)-20170522

York Sample ID: 17E0901-10

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 3:00 pm	<u>Date Received</u> 05/22/2017
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
72-20-8	Endrin	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/23/2017 08:07	05/23/2017 23:06	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA
8001-35-2	Toxaphene	ND		ug/kg dry	102	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2017 08:07	05/23/2017 23:06	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	30.6 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	34.1 %	30-150

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/30/2017 13:09	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/30/2017 13:09	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/30/2017 13:09	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/30/2017 13:09	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/30/2017 13:09	SA



Sample Information

Client Sample ID: SB-1 (8-9)-20170522

York Sample ID: 17E0901-10

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 3:00 pm	<u>Date Received</u> 05/22/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/30/2017 13:09	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2017 08:07	05/30/2017 13:09	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications:	05/23/2017 08:07	05/30/2017 13:09	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	33.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	34.5 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	10400		mg/kg dry	6.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7440-36-0	Antimony	ND		mg/kg dry	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7440-38-2	Arsenic	ND		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7440-39-3	Barium	127		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.122	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7440-43-9	Cadmium	1.06		mg/kg dry	0.367	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7440-70-2	Calcium	1340		mg/kg dry	6.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7440-47-3	Chromium	24.4		mg/kg dry	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7440-48-4	Cobalt	11.6		mg/kg dry	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7440-50-8	Copper	33.9		mg/kg dry	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7439-89-6	Iron	17500		mg/kg dry	2.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7439-92-1	Lead	78.8		mg/kg dry	0.367	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7439-95-4	Magnesium	4550		mg/kg dry	6.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7439-96-5	Manganese	205		mg/kg dry	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML



Sample Information

Client Sample ID: SB-1 (8-9)-20170522

York Sample ID: 17E0901-10

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 3:00 pm	<u>Date Received</u> 05/22/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	25.4		mg/kg dry	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7440-09-7	Potassium	5130	B	mg/kg dry	6.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7782-49-2	Selenium	2.13		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7440-22-4	Silver	ND		mg/kg dry	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7440-23-5	Sodium	415	B	mg/kg dry	12.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/25/2017 15:20	05/27/2017 01:27	KML
7440-28-0	Thallium	ND		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7440-62-2	Vanadium	31.8		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML
7440-66-6	Zinc	96.3		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:27	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.122		mg/kg dry	0.0367	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/24/2017 09:17	05/24/2017 15:44	SY

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	81.8		%	0.100	1	SM 2540G Certifications: CTDOH	05/24/2017 13:30	05/24/2017 15:49	TAJ

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17E0901-11

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 22, 2017 3:00 pm	<u>Date Received</u> 05/22/2017
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17E0901-11

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 22, 2017 3:00 pm	<u>Date Received</u> 05/22/2017
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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	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17E0901-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Water

May 22, 2017 3:00 pm

05/22/2017

Volatile Organics, 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
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17E0901-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Water

May 22, 2017 3:00 pm

05/22/2017

Volatile Organics, 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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/23/2017 07:15	05/23/2017 11:37	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/23/2017 07:15	05/23/2017 11:37	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/23/2017 07:15	05/23/2017 11:37	BK



Sample Information

Client Sample ID: SS-1-20170522

York Sample ID: 17E0901-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 1:20 pm

05/22/2017

Volatile Organics, 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	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 08:55	05/26/2017 16:33	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/26/2017 08:55	05/26/2017 16:33	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	2.6	5.2	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK



Sample Information

Client Sample ID: SS-1-20170522

York Sample ID: 17E0901-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 1:20 pm

05/22/2017

Volatile Organics, 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
67-64-1	Acetone	0.95	CCV-E, SCAL-E	mg/kg dry	0.26	0.52	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
107-02-8	Acrolein	ND		mg/kg dry	0.26	0.52	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
71-43-2	Benzene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
75-25-2	Bromoform	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
67-66-3	Chloroform	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
100-41-4	Ethyl Benzene	0.20	J	mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
98-82-8	Isopropylbenzene	0.57		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK



Sample Information

Client Sample ID: SS-1-20170522

York Sample ID: 17E0901-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 1:20 pm

05/22/2017

Volatile Organics, 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
79-20-9	Methyl acetate	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.26	0.52	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
103-65-1	n-Propylbenzene	0.34		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
179601-23-1	p- & m- Xylenes	0.44	J	mg/kg dry	0.26	0.52	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
100-42-5	Styrene	20		mg/kg dry	0.26	0.52	200	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 07:30	05/30/2017 13:27	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.26	0.52	200	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 07:30	05/30/2017 13:27	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
108-88-3	Toluene	0.14	J	mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.13	0.26	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:55	05/26/2017 16:33	BK
1330-20-7	Xylenes, Total	0.44	J	mg/kg dry	0.39	0.78	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/26/2017 08:55	05/26/2017 16:33	BK

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SS-1-20170522

York Sample ID: 17E0901-12

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 1:20 pm	<u>Date Received</u> 05/22/2017
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Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	105	209	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	105	209	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
83-32-9	Acenaphthene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
62-53-3	Aniline	ND		ug/kg dry	210	420	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
120-12-7	Anthracene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR



Sample Information

Client Sample ID: SS-1-20170522

York Sample ID: 17E0901-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0901

170178 38-21 12th St

Soil

May 22, 2017 1:20 pm

05/22/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
117-81-7	Bis(2-ethylhexyl)phthalate	6880		ug/kg dry	131	262	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 12:43	SR
86-74-8	Carbazole	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
218-01-9	Chrysene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
131-11-3	Dimethyl phthalate	156		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
84-74-2	Di-n-butyl phthalate	173		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
117-84-0	Di-n-octyl phthalate	442		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
206-44-0	Fluoranthene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
86-73-7	Fluorene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
78-59-1	Isophorone	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
91-20-3	Naphthalene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR



Sample Information

Client Sample ID: SS-1-20170522

York Sample ID: 17E0901-12

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 1:20 pm	<u>Date Received</u> 05/22/2017
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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
85-01-8	Phenanthrene	57.0	J	ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
129-00-0	Pyrene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
110-86-1	Pyridine	ND		ug/kg dry	210	420	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2017 08:27	05/31/2017 00:48	SR
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	59.2 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	54.9 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	47.8 %			24-116						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1780		mg/kg dry	6.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7440-36-0	Antimony	ND		mg/kg dry	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7440-38-2	Arsenic	ND		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7440-39-3	Barium	14.8		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.126	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.377	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7440-70-2	Calcium	11800		mg/kg dry	6.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7440-47-3	Chromium	30.3		mg/kg dry	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7440-48-4	Cobalt	25.2		mg/kg dry	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7440-50-8	Copper	200		mg/kg dry	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7439-89-6	Iron	6920		mg/kg dry	2.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7439-92-1	Lead	2.81		mg/kg dry	0.377	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML



Sample Information

Client Sample ID: SS-1-20170522

York Sample ID: 17E0901-12

<u>York Project (SDG) No.</u> 17E0901	<u>Client Project ID</u> 170178 38-21 12th St	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 22, 2017 1:20 pm	<u>Date Received</u> 05/22/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	1730		mg/kg dry	6.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7439-96-5	Manganese	48.5		mg/kg dry	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7440-02-0	Nickel	121		mg/kg dry	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7440-09-7	Potassium	905	B	mg/kg dry	6.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7782-49-2	Selenium	ND		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7440-22-4	Silver	ND		mg/kg dry	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7440-23-5	Sodium	460	B	mg/kg dry	12.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/25/2017 15:20	05/27/2017 01:31	KML
7440-28-0	Thallium	ND		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7440-62-2	Vanadium	37.3		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML
7440-66-6	Zinc	78.0		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2017 15:20	05/27/2017 01:31	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0377	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/25/2017 09:21	05/25/2017 19:21	SY

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	79.6		%	0.100	1	SM 2540G Certifications: CTDOH	05/24/2017 13:30	05/24/2017 15:49	TAJ



Analytical Batch Summary

Batch ID: BE71141 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-03	MW-4-20170522	05/23/17
17E0901-03	MW-4-20170522	05/23/17
17E0901-08	MW-3-20170522	05/23/17
17E0901-08	MW-3-20170522	05/23/17
BE71141-BLK1	Blank	05/23/17
BE71141-BLK2	Blank	05/23/17
BE71141-BS1	LCS	05/23/17
BE71141-BS2	LCS	05/23/17
BE71141-BSD1	LCS Dup	05/23/17
BE71141-BSD2	LCS Dup	05/23/17

Batch ID: BE71143 **Preparation Method:** EPA 3510C **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-03	MW-4-20170522	05/23/17
17E0901-08	MW-3-20170522	05/23/17
BE71143-BLK1	Blank	05/23/17
BE71143-BLK2	Blank	05/23/17
BE71143-BS1	LCS	05/23/17
BE71143-BS2	LCS	05/23/17
BE71143-BSD1	LCS Dup	05/23/17

Batch ID: BE71147 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-01	SB-4 (4-5)-20170522	05/23/17
17E0901-02	SB-4 (8-9)-20170522	05/23/17
17E0901-04	SB-11 (7-8)-20170522	05/23/17
17E0901-05	SB-9 (8-9)-20170522	05/23/17
17E0901-06	SB-3 (1-2)-20170522	05/23/17
17E0901-07	SB-3 (8-9)-20170522	05/23/17
17E0901-09	SB-1 (1-2)-20170522	05/23/17
17E0901-10	SB-1 (8-9)-20170522	05/23/17
BE71147-BLK1	Blank	05/23/17
BE71147-BLK2	Blank	05/23/17
BE71147-BS1	LCS	05/23/17
BE71147-BSD1	LCS Dup	05/23/17

Batch ID: BE71148 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-03	MW-4-20170522	05/23/17
17E0901-08	MW-3-20170522	05/23/17
17E0901-11	Trip Blank	05/23/17



BE71148-BLK1	Blank	05/23/17
BE71148-BS1	LCS	05/23/17
BE71148-BSD1	LCS Dup	05/23/17

Batch ID: BE71150 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-01	SB-4 (4-5)-20170522	05/23/17
17E0901-01	SB-4 (4-5)-20170522	05/23/17
17E0901-02	SB-4 (8-9)-20170522	05/23/17
17E0901-06	SB-3 (1-2)-20170522	05/23/17
17E0901-06	SB-3 (1-2)-20170522	05/23/17
17E0901-07	SB-3 (8-9)-20170522	05/23/17
17E0901-07	SB-3 (8-9)-20170522	05/23/17
17E0901-09	SB-1 (1-2)-20170522	05/23/17
17E0901-10	SB-1 (8-9)-20170522	05/23/17
17E0901-10	SB-1 (8-9)-20170522	05/23/17
BE71150-BLK1	Blank	05/23/17
BE71150-BLK2	Blank	05/23/17
BE71150-BS1	LCS	05/23/17
BE71150-BS2	LCS	05/23/17

Batch ID: BE71225 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-03RE1	MW-4-20170522	05/24/17
17E0901-08RE1	MW-3-20170522	05/24/17
BE71225-BLK1	Blank	05/24/17
BE71225-BS1	LCS	05/24/17
BE71225-BSD1	LCS Dup	05/24/17

Batch ID: BE71237 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-01	SB-4 (4-5)-20170522	05/24/17
17E0901-02	SB-4 (8-9)-20170522	05/24/17
17E0901-04	SB-11 (7-8)-20170522	05/24/17
17E0901-05	SB-9 (8-9)-20170522	05/24/17
17E0901-06	SB-3 (1-2)-20170522	05/24/17
17E0901-07	SB-3 (8-9)-20170522	05/24/17
17E0901-09	SB-1 (1-2)-20170522	05/24/17
17E0901-10	SB-1 (8-9)-20170522	05/24/17
BE71237-BLK1	Blank	05/24/17
BE71237-SRM1	Reference	05/24/17

Batch ID: BE71256 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-01	SB-4 (4-5)-20170522	05/24/17



17E0901-02	SB-4 (8-9)-20170522	05/24/17
17E0901-04	SB-11 (7-8)-20170522	05/24/17
17E0901-05	SB-9 (8-9)-20170522	05/24/17
17E0901-06	SB-3 (1-2)-20170522	05/24/17
17E0901-07	SB-3 (8-9)-20170522	05/24/17
17E0901-09	SB-1 (1-2)-20170522	05/24/17
17E0901-10	SB-1 (8-9)-20170522	05/24/17
17E0901-12	SS-1-20170522	05/24/17

Batch ID: BE71313 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-12	SS-1-20170522	05/25/17
BE71313-BLK1	Blank	05/25/17
BE71313-SRM1	Reference	05/25/17

Batch ID: BE71347 **Preparation Method:** EPA 3015A **Prepared By:** KML

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-03	MW-4-20170522	05/25/17
17E0901-08	MW-3-20170522	05/25/17
BE71347-BLK1	Blank	05/25/17
BE71347-SRM1	Reference	05/25/17

Batch ID: BE71348 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-01	SB-4 (4-5)-20170522	05/25/17
17E0901-01RE1	SB-4 (4-5)-20170522	05/25/17
17E0901-02	SB-4 (8-9)-20170522	05/25/17
17E0901-04	SB-11 (7-8)-20170522	05/25/17
17E0901-04RE1	SB-11 (7-8)-20170522	05/25/17
17E0901-05	SB-9 (8-9)-20170522	05/25/17
17E0901-06	SB-3 (1-2)-20170522	05/25/17
17E0901-07	SB-3 (8-9)-20170522	05/25/17
17E0901-09	SB-1 (1-2)-20170522	05/25/17
17E0901-10	SB-1 (8-9)-20170522	05/25/17
17E0901-12	SS-1-20170522	05/25/17
BE71348-BLK1	Blank	05/25/17
BE71348-SRM1	Reference	05/25/17

Batch ID: BE71371 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-12	SS-1-20170522	05/26/17
BE71371-BLK1	Blank	05/26/17
BE71371-BLK2	Blank	05/26/17
BE71371-BS1	LCS	05/26/17
BE71371-BSD1	LCS Dup	05/26/17



Batch ID: BE71374

Preparation Method: EPA 3550C

Prepared By: SGM

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-01	SB-4 (4-5)-20170522	05/26/17
17E0901-02	SB-4 (8-9)-20170522	05/26/17
17E0901-04	SB-11 (7-8)-20170522	05/26/17
17E0901-05	SB-9 (8-9)-20170522	05/26/17
17E0901-06	SB-3 (1-2)-20170522	05/26/17
17E0901-07	SB-3 (8-9)-20170522	05/26/17
17E0901-09	SB-1 (1-2)-20170522	05/26/17
17E0901-10	SB-1 (8-9)-20170522	05/26/17
17E0901-12	SS-1-20170522	05/26/17
BE71374-BLK1	Blank	05/26/17
BE71374-BS1	LCS	05/26/17

Batch ID: BE71375

Preparation Method: EPA 3550C

Prepared By: TB

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-02	SB-4 (8-9)-20170522	05/26/17
17E0901-02RE1	SB-4 (8-9)-20170522	05/26/17
17E0901-09	SB-1 (1-2)-20170522	05/26/17
BE71375-BLK1	Blank	05/26/17
BE71375-BLK2	Blank	05/26/17
BE71375-BS1	LCS	05/26/17
BE71375-BS2	LCS	05/26/17

Batch ID: BE71410

Preparation Method: EPA 3015A

Prepared By: KML

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-03	MW-4-20170522	05/26/17
17E0901-08	MW-3-20170522	05/26/17
BE71410-BLK1	Blank	05/26/17
BE71410-SRM1	Reference	05/26/17

Batch ID: BE71421

Preparation Method: EPA 3015A

Prepared By: KML

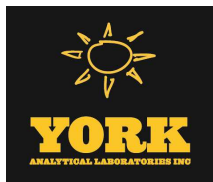
YORK Sample ID	Client Sample ID	Preparation Date
17E0901-03	MW-4-20170522	05/26/17
17E0901-08	MW-3-20170522	05/26/17
BE71421-BLK1	Blank	05/26/17
BE71421-DUP1	Duplicate	05/26/17
BE71421-MS1	Matrix Spike	05/26/17
BE71421-SRM1	Reference	05/26/17

Batch ID: BE71422

Preparation Method: EPA 3015A

Prepared By: KML

YORK Sample ID	Client Sample ID	Preparation Date
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17E0901-03	MW-4-20170522	05/26/17
17E0901-08	MW-3-20170522	05/26/17
BE71422-BLK1	Blank	05/26/17
BE71422-DUP1	Duplicate	05/26/17
BE71422-MS1	Matrix Spike	05/26/17
BE71422-SRM1	Reference	05/26/17

Batch ID: BE71448 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-12RE1	SS-1-20170522	05/26/17
BE71448-BLK1	Blank	05/30/17
BE71448-BS1	LCS	05/30/17
BE71448-BSD1	LCS Dup	05/30/17

Batch ID: BF70069 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
17E0901-03	MW-4-20170522	06/01/17
17E0901-08	MW-3-20170522	06/01/17
BF70069-BLK1	Blank	06/01/17
BF70069-BS1	LCS	06/01/17
BF70069-BS2	LCS	06/01/17



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

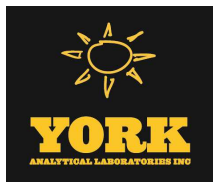
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE71147 - EPA 5035A

Blank (BE71147-BLK1)

Prepared & Analyzed: 05/23/2017

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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
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	"								



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
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Batch BE71147 - EPA 5035A

Blank (BE71147-BLK1)

Prepared & Analyzed: 05/23/2017

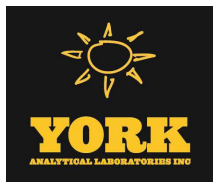
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								

Surrogate: 1,2-Dichloroethane-d4	52.0		ug/L	50.0		104	77-125				
Surrogate: Toluene-d8	50.4		"	50.0		101	85-120				
Surrogate: p-Bromofluorobenzene	48.1		"	50.0		96.2	76-130				

Blank (BE71147-BLK2)

Prepared & Analyzed: 05/23/2017

1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit								Level	

Batch BE71147 - EPA 5035A

Blank (BE71147-BLK2)

Prepared & Analyzed: 05/23/2017

Bromoform	ND	0.50	mg/kg wet								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								

Surrogate: 1,2-Dichloroethane-d4	53.2		ug/L	50.0		106	77-125
Surrogate: Toluene-d8	50.5		"	50.0		101	85-120
Surrogate: p-Bromofluorobenzene	46.8		"	50.0		93.6	76-130



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
Batch BE71147 - EPA 5035A										
LCS (BE71147-BS1)										
Prepared & Analyzed: 05/23/2017										
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		105	75-129			
1,1,1-Trichloroethane	59		"	50.0		117	71-137			
1,1,2,2-Tetrachloroethane	46		"	50.0		92.7	79-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		94.3	58-146			
1,1,2-Trichloroethane	53		"	50.0		106	83-123			
1,1-Dichloroethane	51		"	50.0		102	75-130			
1,1-Dichloroethylene	47		"	50.0		94.8	64-137			
1,2,3-Trichlorobenzene	55		"	50.0		110	81-140			
1,2,3-Trichloropropane	48		"	50.0		96.4	81-126			
1,2,4-Trichlorobenzene	56		"	50.0		111	80-141			
1,2,4-Trimethylbenzene	48		"	50.0		95.7	84-125			
1,2-Dibromo-3-chloropropane	45		"	50.0		90.0	74-142			
1,2-Dibromoethane	54		"	50.0		108	86-123			
1,2-Dichlorobenzene	50		"	50.0		99.1	85-122			
1,2-Dichloroethane	54		"	50.0		109	71-133			
1,2-Dichloropropane	46		"	50.0		92.9	81-122			
1,3,5-Trimethylbenzene	49		"	50.0		97.1	82-126			
1,3-Dichlorobenzene	49		"	50.0		97.5	84-124			
1,4-Dichlorobenzene	50		"	50.0		99.0	84-124			
1,4-Dioxane	1100		"	1000		114	10-228			
2-Butanone	45		"	50.0		90.8	58-147			
2-Hexanone	43		"	50.0		86.9	70-139			
4-Methyl-2-pentanone	43		"	50.0		85.8	72-132			
Acetone	29		"	50.0		58.8	36-155			
Acrolein	31		"	50.0		61.3	10-238			
Acrylonitrile	54		"	50.0		108	66-141			
Benzene	58		"	50.0		115	77-127			
Bromochloromethane	55		"	50.0		109	74-129			
Bromodichloromethane	53		"	50.0		106	81-124			
Bromoform	56		"	50.0		112	80-136			
Bromomethane	41		"	50.0		81.0	32-177			
Carbon disulfide	38		"	50.0		76.6	10-136			
Carbon tetrachloride	60		"	50.0		120	66-143			
Chlorobenzene	51		"	50.0		103	86-120			
Chloroethane	41		"	50.0		81.5	51-142			
Chloroform	59		"	50.0		119	76-131			
Chloromethane	38		"	50.0		76.4	49-132			
cis-1,2-Dichloroethylene	62		"	50.0		123	74-132			
cis-1,3-Dichloropropylene	50		"	50.0		100	81-129			
Cyclohexane	49		"	50.0		98.2	70-130			
Dibromochloromethane	56		"	50.0		112	10-200			
Dibromomethane	55		"	50.0		111	83-124			
Dichlorodifluoromethane	64		"	50.0		128	28-158			
Ethyl Benzene	51		"	50.0		102	84-125			
Hexachlorobutadiene	54		"	50.0		108	83-133			
Isopropylbenzene	46		"	50.0		91.7	81-127			
Methyl acetate	36		"	50.0		71.7	41-143			
Methyl tert-butyl ether (MTBE)	56		"	50.0		112	74-131			
Methylcyclohexane	50		"	50.0		99.8	70-130			
Methylene chloride	33		"	50.0		65.6	57-141			
n-Butylbenzene	46		"	50.0		91.9	80-130			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
Batch BE71147 - EPA 5035A										
LCS (BE71147-BS1)										
Prepared & Analyzed: 05/23/2017										
n-Propylbenzene	45		ug/L	50.0		89.1	74-136			
o-Xylene	50		"	50.0		99.3	83-123			
p- & m- Xylenes	99		"	100		99.3	82-128			
p-Isopropyltoluene	48		"	50.0		95.8	85-125			
sec-Butylbenzene	44		"	50.0		88.5	83-125			
Styrene	54		"	50.0		109	86-126			
tert-Butyl alcohol (TBA)	50		"	50.0		99.5	70-130			
tert-Butylbenzene	46		"	50.0		92.1	80-127			
Tetrachloroethylene	59		"	50.0		118	80-129			
Toluene	53		"	50.0		107	85-121			
trans-1,2-Dichloroethylene	53		"	50.0		107	72-132			
trans-1,3-Dichloropropylene	51		"	50.0		102	78-132			
Trichloroethylene	52		"	50.0		105	84-123			
Trichlorofluoromethane	57		"	50.0		114	62-140			
Vinyl Chloride	38		"	50.0		76.3	52-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.8</i>		<i>"</i>	<i>50.0</i>		<i>99.6</i>	<i>77-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.6</i>		<i>"</i>	<i>50.0</i>		<i>99.2</i>	<i>85-120</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>52.0</i>		<i>"</i>	<i>50.0</i>		<i>104</i>	<i>76-130</i>			
LCS Dup (BE71147-BSD1)										
Prepared & Analyzed: 05/23/2017										
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		106	75-129		1.04	30
1,1,1-Trichloroethane	60		"	50.0		120	71-137		2.14	30
1,1,2,2-Tetrachloroethane	48		"	50.0		95.9	79-129		3.35	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		93.0	58-146		1.45	30
1,1,2-Trichloroethane	52		"	50.0		104	83-123		1.87	30
1,1-Dichloroethane	54		"	50.0		108	75-130		6.03	30
1,1-Dichloroethylene	47		"	50.0		94.8	64-137		0.0422	30
1,2,3-Trichlorobenzene	55		"	50.0		109	81-140		0.947	30
1,2,3-Trichloropropane	48		"	50.0		96.0	81-126		0.437	30
1,2,4-Trichlorobenzene	57		"	50.0		114	80-141		2.47	30
1,2,4-Trimethylbenzene	48		"	50.0		96.8	84-125		1.08	30
1,2-Dibromo-3-chloropropane	46		"	50.0		92.2	74-142		2.42	30
1,2-Dibromoethane	55		"	50.0		110	86-123		2.24	30
1,2-Dichlorobenzene	50		"	50.0		100	85-122		1.00	30
1,2-Dichloroethane	55		"	50.0		111	71-133		1.73	30
1,2-Dichloropropane	48		"	50.0		96.1	81-122		3.37	30
1,3,5-Trimethylbenzene	50		"	50.0		99.4	82-126		2.36	30
1,3-Dichlorobenzene	49		"	50.0		98.4	84-124		0.980	30
1,4-Dichlorobenzene	50		"	50.0		100	84-124		1.28	30
1,4-Dioxane	1100		"	1000		111	10-228		2.56	30
2-Butanone	47		"	50.0		94.1	58-147		3.53	30
2-Hexanone	43		"	50.0		86.2	70-139		0.809	30
4-Methyl-2-pentanone	42		"	50.0		83.8	72-132		2.45	30
Acetone	32		"	50.0		64.1	36-155		8.69	30
Acrolein	30		"	50.0		60.8	10-238		0.818	30
Acrylonitrile	51		"	50.0		102	66-141		5.83	30
Benzene	57		"	50.0		114	77-127		0.890	30
Bromochloromethane	54		"	50.0		108	74-129		1.18	30
Bromodichloromethane	53		"	50.0		107	81-124		0.583	30
Bromoform	56		"	50.0		113	80-136		0.855	30
Bromomethane	41		"	50.0		82.2	32-177		1.40	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level

Batch BE71147 - EPA 5035A

LCS Dup (BE71147-BSD1)

Prepared & Analyzed: 05/23/2017

Carbon disulfide	39		ug/L	50.0	77.9	10-136		1.79	30
Carbon tetrachloride	60		"	50.0	119	66-143		0.302	30
Chlorobenzene	51		"	50.0	102	86-120		0.781	30
Chloroethane	40		"	50.0	79.6	51-142		2.38	30
Chloroform	60		"	50.0	119	76-131		0.370	30
Chloromethane	40		"	50.0	80.2	49-132		4.88	30
cis-1,2-Dichloroethylene	61		"	50.0	122	74-132		0.505	30
cis-1,3-Dichloropropylene	50		"	50.0	101	81-129		0.676	30
Cyclohexane	49		"	50.0	98.8	70-130		0.629	30
Dibromochloromethane	56		"	50.0	113	10-200		1.12	30
Dibromomethane	55		"	50.0	110	83-124		0.380	30
Dichlorodifluoromethane	62		"	50.0	125	28-158		2.83	30
Ethyl Benzene	52		"	50.0	103	84-125		0.935	30
Hexachlorobutadiene	56		"	50.0	112	83-133		2.96	30
Isopropylbenzene	46		"	50.0	92.8	81-127		1.21	30
Methyl acetate	36		"	50.0	73.0	41-143		1.71	30
Methyl tert-butyl ether (MTBE)	56		"	50.0	112	74-131		0.642	30
Methylcyclohexane	50		"	50.0	100	70-130		0.260	30
Methylene chloride	33		"	50.0	66.7	57-141		1.75	30
n-Butylbenzene	47		"	50.0	94.3	80-130		2.66	30
n-Propylbenzene	45		"	50.0	89.8	74-136		0.693	30
o-Xylene	51		"	50.0	101	83-123		1.90	30
p- & m- Xylenes	99		"	100	98.9	82-128		0.383	30
p-Isopropyltoluene	49		"	50.0	97.2	85-125		1.49	30
sec-Butylbenzene	45		"	50.0	90.3	83-125		2.01	30
Styrene	55		"	50.0	110	86-126		0.568	30
tert-Butyl alcohol (TBA)	50		"	50.0	100	70-130		0.920	30
tert-Butylbenzene	47		"	50.0	93.2	80-127		1.12	30
Tetrachloroethylene	59		"	50.0	118	80-129		0.391	30
Toluene	53		"	50.0	107	85-121		0.0937	30
trans-1,2-Dichloroethylene	53		"	50.0	106	72-132		0.394	30
trans-1,3-Dichloropropylene	51		"	50.0	102	78-132		0.236	30
Trichloroethylene	54		"	50.0	108	84-123		3.36	30
Trichlorofluoromethane	57		"	50.0	113	62-140		0.387	30
Vinyl Chloride	37		"	50.0	74.8	52-130		2.04	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.0</i>		<i>"</i>	<i>50.0</i>	<i>100</i>	<i>77-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.7</i>		<i>"</i>	<i>50.0</i>	<i>99.4</i>	<i>85-120</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.0</i>		<i>"</i>	<i>50.0</i>	<i>102</i>	<i>76-130</i>			



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
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Batch BE71148 - EPA 5030B

Blank (BE71148-BLK1)

Prepared & Analyzed: 05/23/2017

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.33	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	1.1	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								



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
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Batch BE71148 - EPA 5030B

Blank (BE71148-BLK1)

Prepared & Analyzed: 05/23/2017

n-Propylbenzene	ND	0.50	ug/L								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								

Surrogate: 1,2-Dichloroethane-d4

11.4

"

10.0

114

69-130

Surrogate: Toluene-d8

9.85

"

10.0

98.5

81-117

Surrogate: p-Bromofluorobenzene

11.0

"

10.0

110

79-122

LCS (BE71148-BS1)

Prepared & Analyzed: 05/23/2017

1,1,1,2-Tetrachloroethane	11		ug/L	10.0		109	82-126				
1,1,1-Trichloroethane	12		"	10.0		117	78-136				
1,1,2,2-Tetrachloroethane	9.3		"	10.0		93.3	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		118	54-165				
1,1,2-Trichloroethane	9.5		"	10.0		94.9	82-123				
1,1-Dichloroethane	11		"	10.0		115	82-129				
1,1-Dichloroethylene	11		"	10.0		113	68-138				
1,2,3-Trichlorobenzene	13		"	10.0		128	76-136				
1,2,3-Trichloropropane	10		"	10.0		99.6	77-128				
1,2,4-Trichlorobenzene	10		"	10.0		100	76-137				
1,2,4-Trimethylbenzene	10		"	10.0		102	82-132				
1,2-Dibromo-3-chloropropane	9.2		"	10.0		91.6	45-147				
1,2-Dibromoethane	10		"	10.0		104	83-124				
1,2-Dichlorobenzene	9.6		"	10.0		96.2	79-123				
1,2-Dichloroethane	13		"	10.0		130	73-132				
1,2-Dichloropropane	9.5		"	10.0		94.8	78-126				
1,3,5-Trimethylbenzene	10		"	10.0		99.9	80-131				
1,3-Dichlorobenzene	10		"	10.0		103	86-122				
1,4-Dichlorobenzene	9.8		"	10.0		98.3	85-124				
1,4-Dioxane	320		"	200		162	10-349				
2-Butanone	10		"	10.0		101	49-152				
2-Hexanone	9.3		"	10.0		92.7	51-146				
4-Methyl-2-pentanone	8.7		"	10.0		87.0	57-145				
Acetone	4.0		"	10.0		40.4	14-150				
Acrolein	2.0		"	10.0		20.1	10-153				
Acrylonitrile	9.4		"	10.0		93.9	51-150				
Benzene	12		"	10.0		117	85-126				
Bromochloromethane	11		"	10.0		113	77-128				
Bromodichloromethane	9.9		"	10.0		99.2	79-128				
Bromoform	9.5		"	10.0		95.4	78-133				



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
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Batch BE71148 - EPA 5030B

LCS (BE71148-BS1)

Prepared & Analyzed: 05/23/2017

Bromomethane	9.6		ug/L	10.0		96.1	43-168				
Carbon disulfide	11		"	10.0		109	68-146				
Carbon tetrachloride	11		"	10.0		114	77-141				
Chlorobenzene	10		"	10.0		104	88-120				
Chloroethane	17		"	10.0		169	65-136	High Bias			
Chloroform	12		"	10.0		116	82-128				
Chloromethane	7.7		"	10.0		77.4	43-155				
cis-1,2-Dichloroethylene	12		"	10.0		120	83-129				
cis-1,3-Dichloropropylene	9.7		"	10.0		97.0	80-131				
Cyclohexane	11		"	10.0		109	63-149				
Dibromochloromethane	10		"	10.0		100	80-130				
Dibromomethane	10		"	10.0		104	72-134				
Dichlorodifluoromethane	16		"	10.0		164	44-144	High Bias			
Ethyl Benzene	11		"	10.0		107	80-131				
Hexachlorobutadiene	7.3		"	10.0		73.4	67-146				
Isopropylbenzene	10		"	10.0		102	76-140				
Methyl acetate	8.8		"	10.0		87.7	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		109	76-135				
Methylcyclohexane	9.8		"	10.0		98.0	72-143				
Methylene chloride	11		"	10.0		112	55-137				
n-Butylbenzene	9.5		"	10.0		95.1	79-132				
n-Propylbenzene	10		"	10.0		102	78-133				
o-Xylene	10		"	10.0		104	78-130				
p- & m- Xylenes	20		"	20.0		100	77-133				
p-Isopropyltoluene	10		"	10.0		102	81-136				
sec-Butylbenzene	9.8		"	10.0		97.6	79-137				
Styrene	10		"	10.0		104	67-132				
tert-Butyl alcohol (TBA)	11		"	10.0		106	25-162				
tert-Butylbenzene	9.8		"	10.0		97.8	77-138				
Tetrachloroethylene	10		"	10.0		102	82-131				
Toluene	10		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		115	80-132				
trans-1,3-Dichloropropylene	9.8		"	10.0		97.7	78-131				
Trichloroethylene	9.7		"	10.0		96.9	82-128				
Trichlorofluoromethane	16		"	10.0		163	67-139	High Bias			
Vinyl Chloride	11		"	10.0		112	58-145				
Surrogate: 1,2-Dichloroethane-d4	12.1		"	10.0		121	69-130				
Surrogate: Toluene-d8	9.84		"	10.0		98.4	81-117				
Surrogate: p-Bromofluorobenzene	10.5		"	10.0		105	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 BE71148 - EPA 5030B											
LCS Dup (BE71148-BSD1)											
Prepared & Analyzed: 05/23/2017											
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		109	82-126		0.0915	30	
1,1,1-Trichloroethane	12		"	10.0		119	78-136		2.03	30	
1,1,2,2-Tetrachloroethane	9.4		"	10.0		94.5	76-129		1.28	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		122	54-165		3.24	30	
1,1,2-Trichloroethane	9.9		"	10.0		99.3	82-123		4.53	30	
1,1-Dichloroethane	12		"	10.0		118	82-129		2.58	30	
1,1-Dichloroethylene	12		"	10.0		116	68-138		1.83	30	
1,2,3-Trichlorobenzene	16		"	10.0		161	76-136	High Bias	22.9	30	
1,2,3-Trichloropropane	10		"	10.0		101	77-128		1.10	30	
1,2,4-Trichlorobenzene	11		"	10.0		110	76-137		9.49	30	
1,2,4-Trimethylbenzene	10		"	10.0		102	82-132		0.589	30	
1,2-Dibromo-3-chloropropane	9.6		"	10.0		95.9	45-147		4.59	30	
1,2-Dibromoethane	11		"	10.0		106	83-124		1.81	30	
1,2-Dichlorobenzene	9.9		"	10.0		99.3	79-123		3.17	30	
1,2-Dichloroethane	12		"	10.0		123	73-132		5.46	30	
1,2-Dichloropropane	9.8		"	10.0		98.0	78-126		3.32	30	
1,3,5-Trimethylbenzene	10		"	10.0		100	80-131		0.100	30	
1,3-Dichlorobenzene	10		"	10.0		101	86-122		2.06	30	
1,4-Dichlorobenzene	9.9		"	10.0		99.3	85-124		1.01	30	
1,4-Dioxane	71		"	200		35.6	10-349		128	30	Non-dir.
2-Butanone	9.8		"	10.0		98.5	49-152		2.11	30	
2-Hexanone	9.4		"	10.0		93.9	51-146		1.29	30	
4-Methyl-2-pentanone	9.5		"	10.0		94.9	57-145		8.69	30	
Acetone	5.3		"	10.0		53.2	14-150		27.4	30	
Acrolein	2.0		"	10.0		20.1	10-153		0.00	30	
Acrylonitrile	9.7		"	10.0		97.0	51-150		3.25	30	
Benzene	11		"	10.0		113	85-126		3.38	30	
Bromochloromethane	11		"	10.0		108	77-128		4.42	30	
Bromodichloromethane	10		"	10.0		99.8	79-128		0.603	30	
Bromoform	9.8		"	10.0		98.4	78-133		3.10	30	
Bromomethane	9.4		"	10.0		94.3	43-168		1.89	30	
Carbon disulfide	11		"	10.0		112	68-146		2.45	30	
Carbon tetrachloride	12		"	10.0		119	77-141		4.39	30	
Chlorobenzene	10		"	10.0		103	88-120		0.873	30	
Chloroethane	15		"	10.0		148	65-136	High Bias	13.6	30	
Chloroform	11		"	10.0		109	82-128		5.78	30	
Chloromethane	8.6		"	10.0		85.9	43-155		10.4	30	
cis-1,2-Dichloroethylene	12		"	10.0		118	83-129		0.924	30	
cis-1,3-Dichloropropylene	9.8		"	10.0		97.9	80-131		0.924	30	
Cyclohexane	11		"	10.0		113	63-149		3.42	30	
Dibromochloromethane	10		"	10.0		101	80-130		0.597	30	
Dibromomethane	11		"	10.0		107	72-134		3.70	30	
Dichlorodifluoromethane	18		"	10.0		176	44-144	High Bias	7.22	30	
Ethyl Benzene	11		"	10.0		107	80-131		0.187	30	
Hexachlorobutadiene	8.6		"	10.0		86.4	67-146		16.3	30	
Isopropylbenzene	10		"	10.0		102	76-140		0.00	30	
Methyl acetate	9.0		"	10.0		90.0	51-139		2.59	30	
Methyl tert-butyl ether (MTBE)	12		"	10.0		116	76-135		6.57	30	
Methylcyclohexane	10		"	10.0		103	72-143		5.27	30	
Methylene chloride	11		"	10.0		114	55-137		1.51	30	
n-Butylbenzene	9.5		"	10.0		95.4	79-132		0.315	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			
Batch BE71148 - EPA 5030B													
LCS Dup (BE71148-BSD1)												Prepared & Analyzed: 05/23/2017	
n-Propylbenzene	10		ug/L	10.0		102	78-133			0.294		30	
o-Xylene	10		"	10.0		105	78-130			0.575		30	
p- & m- Xylenes	20		"	20.0		100	77-133			0.349		30	
p-Isopropyltoluene	10		"	10.0		102	81-136			0.196		30	
sec-Butylbenzene	9.9		"	10.0		99.2	79-137			1.63		30	
Styrene	11		"	10.0		106	67-132			1.43		30	
tert-Butyl alcohol (TBA)	11		"	10.0		114	25-162			7.44		30	
tert-Butylbenzene	9.8		"	10.0		97.7	77-138			0.102		30	
Tetrachloroethylene	11		"	10.0		106	82-131			3.85		30	
Toluene	10		"	10.0		104	80-127			0.669		30	
trans-1,2-Dichloroethylene	12		"	10.0		115	80-132			0.348		30	
trans-1,3-Dichloropropylene	10		"	10.0		102	78-131			4.40		30	
Trichloroethylene	10		"	10.0		99.5	82-128			2.65		30	
Trichlorofluoromethane	16		"	10.0		160	67-139	High Bias		2.17		30	
Vinyl Chloride	12		"	10.0		123	58-145			9.21		30	
Surrogate: 1,2-Dichloroethane-d4	12.3		"	10.0		123	69-130						
Surrogate: Toluene-d8	9.72		"	10.0		97.2	81-117						
Surrogate: p-Bromofluorobenzene	10.1		"	10.0		101	79-122						

Batch BE71225 - EPA 5030B

Blank (BE71225-BLK1)												Prepared & Analyzed: 05/24/2017	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L										
1,1,1-Trichloroethane	ND	0.50	"										
1,1,2,2-Tetrachloroethane	ND	0.50	"										
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"										
1,1,2-Trichloroethane	ND	0.50	"										
1,1-Dichloroethane	ND	0.50	"										
1,1-Dichloroethylene	ND	0.50	"										
1,2,3-Trichlorobenzene	ND	0.50	"										
1,2,3-Trichloropropane	ND	0.50	"										
1,2,4-Trichlorobenzene	ND	0.50	"										
1,2,4-Trimethylbenzene	ND	0.50	"										
1,2-Dibromo-3-chloropropane	ND	0.50	"										
1,2-Dibromoethane	ND	0.50	"										
1,2-Dichlorobenzene	ND	0.50	"										
1,2-Dichloroethane	ND	0.50	"										
1,2-Dichloropropane	ND	0.50	"										
1,3,5-Trimethylbenzene	ND	0.50	"										
1,3-Dichlorobenzene	ND	0.50	"										
1,4-Dichlorobenzene	ND	0.50	"										
1,4-Dioxane	ND	40	"										
2-Butanone	ND	0.50	"										
2-Hexanone	ND	0.50	"										
4-Methyl-2-pentanone	ND	0.50	"										
Acetone	ND	2.0	"										
Acrolein	ND	0.50	"										
Acrylonitrile	ND	0.50	"										
Benzene	ND	0.50	"										
Bromochloromethane	ND	0.50	"										
Bromodichloromethane	ND	0.50	"										



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
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Batch BE71225 - EPA 5030B

Blank (BE71225-BLK1)

Prepared & Analyzed: 05/24/2017

Bromoform	ND	0.50	ug/L								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								

Surrogate: 1,2-Dichloroethane-d4	11.4		"	10.0		114	69-130				
Surrogate: Toluene-d8	10.4		"	10.0		104	81-117				
Surrogate: p-Bromofluorobenzene	11.4		"	10.0		114	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source*		%REC Limits	Flag	RPD	
		Limit	Units		Result	%REC			RPD	Limit
Batch BE71225 - EPA 5030B										
LCS (BE71225-BS1)										
Prepared & Analyzed: 05/24/2017										
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		106	82-126			
1,1,1-Trichloroethane	9.8		"	10.0		97.7	78-136			
1,1,2,2-Tetrachloroethane	10		"	10.0		102	76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.9		"	10.0		99.0	54-165			
1,1,2-Trichloroethane	9.6		"	10.0		96.5	82-123			
1,1-Dichloroethane	9.8		"	10.0		97.8	82-129			
1,1-Dichloroethylene	10		"	10.0		100	68-138			
1,2,3-Trichlorobenzene	13		"	10.0		128	76-136			
1,2,3-Trichloropropane	11		"	10.0		106	77-128			
1,2,4-Trichlorobenzene	9.7		"	10.0		97.3	76-137			
1,2,4-Trimethylbenzene	11		"	10.0		109	82-132			
1,2-Dibromo-3-chloropropane	9.6		"	10.0		96.5	45-147			
1,2-Dibromoethane	9.8		"	10.0		98.1	83-124			
1,2-Dichlorobenzene	11		"	10.0		107	79-123			
1,2-Dichloroethane	10		"	10.0		103	73-132			
1,2-Dichloropropane	9.4		"	10.0		94.2	78-126			
1,3,5-Trimethylbenzene	11		"	10.0		107	80-131			
1,3-Dichlorobenzene	12		"	10.0		117	86-122			
1,4-Dichlorobenzene	11		"	10.0		114	85-124			
1,4-Dioxane	270		"	200		134	10-349			
2-Butanone	8.7		"	10.0		86.7	49-152			
2-Hexanone	9.4		"	10.0		93.7	51-146			
4-Methyl-2-pentanone	8.8		"	10.0		87.5	57-145			
Acetone	3.7		"	10.0		37.2	14-150			
Acrolein	6.9		"	10.0		68.7	10-153			
Acrylonitrile	7.1		"	10.0		70.8	51-150			
Benzene	10		"	10.0		100	85-126			
Bromochloromethane	9.5		"	10.0		95.4	77-128			
Bromodichloromethane	9.1		"	10.0		90.9	79-128			
Bromoform	9.8		"	10.0		97.5	78-133			
Bromomethane	5.4		"	10.0		53.7	43-168			
Carbon disulfide	9.9		"	10.0		98.8	68-146			
Carbon tetrachloride	11		"	10.0		105	77-141			
Chlorobenzene	11		"	10.0		110	88-120			
Chloroethane	14		"	10.0		143	65-136	High Bias		
Chloroform	9.7		"	10.0		97.0	82-128			
Chloromethane	5.4		"	10.0		54.1	43-155			
cis-1,2-Dichloroethylene	11		"	10.0		106	83-129			
cis-1,3-Dichloropropylene	9.5		"	10.0		95.3	80-131			
Cyclohexane	9.8		"	10.0		97.9	63-149			
Dibromochloromethane	9.8		"	10.0		98.3	80-130			
Dibromomethane	10		"	10.0		103	72-134			
Dichlorodifluoromethane	14		"	10.0		138	44-144			
Ethyl Benzene	11		"	10.0		108	80-131			
Hexachlorobutadiene	8.2		"	10.0		81.8	67-146			
Isopropylbenzene	12		"	10.0		121	76-140			
Methyl acetate	7.7		"	10.0		77.1	51-139			
Methyl tert-butyl ether (MTBE)	9.7		"	10.0		97.0	76-135			
Methylcyclohexane	10		"	10.0		101	72-143			
Methylene chloride	9.8		"	10.0		98.4	55-137			
n-Butylbenzene	10		"	10.0		103	79-132			



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 BE71225 - EPA 5030B											
LCS (BE71225-BS1)											
Prepared & Analyzed: 05/24/2017											
n-Propylbenzene	12		ug/L	10.0		121	78-133				
o-Xylene	11		"	10.0		112	78-130				
p- & m- Xylenes	20		"	20.0		101	77-133				
p-Isopropyltoluene	11		"	10.0		109	81-136				
sec-Butylbenzene	12		"	10.0		117	79-137				
Styrene	10		"	10.0		101	67-132				
tert-Butyl alcohol (TBA)	12		"	10.0		119	25-162				
tert-Butylbenzene	12		"	10.0		116	77-138				
Tetrachloroethylene	11		"	10.0		105	82-131				
Toluene	11		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	9.6		"	10.0		96.5	80-132				
trans-1,3-Dichloropropylene	9.6		"	10.0		96.1	78-131				
Trichloroethylene	10		"	10.0		102	82-128				
Trichlorofluoromethane	13		"	10.0		132	67-139				
Vinyl Chloride	8.4		"	10.0		84.4	58-145				
Surrogate: 1,2-Dichloroethane-d4	11.3		"	10.0		113	69-130				
Surrogate: Toluene-d8	10.5		"	10.0		105	81-117				
Surrogate: p-Bromofluorobenzene	10.5		"	10.0		105	79-122				
LCS Dup (BE71225-BSD1)											
Prepared & Analyzed: 05/24/2017											
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		109	82-126		3.17	30	
1,1,1-Trichloroethane	10		"	10.0		103	78-136		5.38	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		99.6	76-129		1.89	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		107	54-165		7.67	30	
1,1,2-Trichloroethane	10		"	10.0		100	82-123		3.86	30	
1,1-Dichloroethane	10		"	10.0		102	82-129		4.60	30	
1,1-Dichloroethylene	10		"	10.0		104	68-138		2.94	30	
1,2,3-Trichlorobenzene	15		"	10.0		149	76-136	High Bias	15.4	30	
1,2,3-Trichloropropane	11		"	10.0		108	77-128		1.88	30	
1,2,4-Trichlorobenzene	11		"	10.0		107	76-137		9.12	30	
1,2,4-Trimethylbenzene	11		"	10.0		112	82-132		2.98	30	
1,2-Dibromo-3-chloropropane	9.5		"	10.0		95.0	45-147		1.57	30	
1,2-Dibromoethane	10		"	10.0		102	83-124		3.60	30	
1,2-Dichlorobenzene	11		"	10.0		111	79-123		3.84	30	
1,2-Dichloroethane	11		"	10.0		105	73-132		2.21	30	
1,2-Dichloropropane	9.8		"	10.0		98.0	78-126		3.95	30	
1,3,5-Trimethylbenzene	12		"	10.0		116	80-131		8.01	30	
1,3-Dichlorobenzene	12		"	10.0		117	86-122		0.257	30	
1,4-Dichlorobenzene	11		"	10.0		112	85-124		1.59	30	
1,4-Dioxane	210		"	200		107	10-349		22.5	30	
2-Butanone	8.2		"	10.0		81.6	49-152		6.06	30	
2-Hexanone	8.8		"	10.0		88.0	51-146		6.27	30	
4-Methyl-2-pentanone	8.8		"	10.0		88.3	57-145		0.910	30	
Acetone	2.9		"	10.0		28.6	14-150		26.1	30	
Acrolein	1.8		"	10.0		18.1	10-153		117	30	Non-dir.
Acrylonitrile	7.0		"	10.0		69.5	51-150		1.85	30	
Benzene	10		"	10.0		104	85-126		3.44	30	
Bromochloromethane	10		"	10.0		99.5	77-128		4.21	30	
Bromodichloromethane	9.8		"	10.0		98.0	79-128		7.52	30	
Bromoform	9.9		"	10.0		98.8	78-133		1.32	30	
Bromomethane	8.0		"	10.0		79.8	43-168		39.1	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
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Batch BE71225 - EPA 5030B

LCS Dup (BE71225-BSD1)

Prepared & Analyzed: 05/24/2017

Carbon disulfide	10		ug/L	10.0		99.5	68-146		0.706	30	
Carbon tetrachloride	11		"	10.0		108	77-141		2.81	30	
Chlorobenzene	11		"	10.0		111	88-120		1.27	30	
Chloroethane	14		"	10.0		143	65-136	High Bias	0.210	30	
Chloroform	10		"	10.0		99.7	82-128		2.75	30	
Chloromethane	8.0		"	10.0		80.0	43-155		38.6	30	Non-dir.
cis-1,2-Dichloroethylene	11		"	10.0		106	83-129		0.0945	30	
cis-1,3-Dichloropropylene	10		"	10.0		99.9	80-131		4.71	30	
Cyclohexane	9.9		"	10.0		98.8	63-149		0.915	30	
Dibromochloromethane	9.8		"	10.0		98.5	80-130		0.203	30	
Dibromomethane	9.9		"	10.0		99.2	72-134		3.47	30	
Dichlorodifluoromethane	14		"	10.0		142	44-144		2.58	30	
Ethyl Benzene	11		"	10.0		112	80-131		3.65	30	
Hexachlorobutadiene	8.4		"	10.0		84.0	67-146		2.65	30	
Isopropylbenzene	12		"	10.0		122	76-140		0.825	30	
Methyl acetate	7.2		"	10.0		72.5	51-139		6.15	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		101	76-135		3.94	30	
Methylcyclohexane	10		"	10.0		104	72-143		3.02	30	
Methylene chloride	10		"	10.0		100	55-137		1.81	30	
n-Butylbenzene	11		"	10.0		106	79-132		2.78	30	
n-Propylbenzene	12		"	10.0		122	78-133		1.48	30	
o-Xylene	11		"	10.0		114	78-130		1.50	30	
p- & m- Xylenes	21		"	20.0		105	77-133		3.94	30	
p-Isopropyltoluene	11		"	10.0		112	81-136		2.89	30	
sec-Butylbenzene	12		"	10.0		122	79-137		4.35	30	
Styrene	10		"	10.0		103	67-132		2.26	30	
tert-Butyl alcohol (TBA)	11		"	10.0		110	25-162		7.32	30	
tert-Butylbenzene	11		"	10.0		114	77-138		1.57	30	
Tetrachloroethylene	11		"	10.0		107	82-131		1.69	30	
Toluene	11		"	10.0		110	80-127		2.21	30	
trans-1,2-Dichloroethylene	9.9		"	10.0		99.3	80-132		2.86	30	
trans-1,3-Dichloropropylene	9.9		"	10.0		98.9	78-131		2.87	30	
Trichloroethylene	11		"	10.0		106	82-128		3.17	30	
Trichlorofluoromethane	14		"	10.0		145	67-139	High Bias	9.02	30	
Vinyl Chloride	10		"	10.0		104	58-145		20.4	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.6</i>		<i>"</i>	<i>10.0</i>		<i>116</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>79-122</i>				



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
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Batch BE71371 - EPA 5035A

Blank (BE71371-BLK1)

Prepared & Analyzed: 05/26/2017

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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
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	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit								RPD	

Batch BE71371 - EPA 5035A

Blank (BE71371-BLK1)

Prepared & Analyzed: 05/26/2017

n-Propylbenzene	ND	0.0050	mg/kg wet								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								

<i>Surrogate: 1,2-Dichloroethane-d4</i>	59.1		ug/L	50.0	118	77-125					
<i>Surrogate: Toluene-d8</i>	50.1		"	50.0	100	85-120					
<i>Surrogate: p-Bromofluorobenzene</i>	45.8		"	50.0	91.7	76-130					

Blank (BE71371-BLK2)

Prepared & Analyzed: 05/26/2017

1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								



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
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Batch BE71371 - EPA 5035A

Blank (BE71371-BLK2)

Prepared & Analyzed: 05/26/2017

Bromomethane	ND	0.50	mg/kg wet								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	54.0		ug/L	50.0		108	77-125				
Surrogate: Toluene-d8	50.2		"	50.0		100	85-120				
Surrogate: p-Bromofluorobenzene	46.9		"	50.0		93.8	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike	Source*		%REC	Limits	Flag	RPD	
		Limit	Units		Level	Result				%REC	RPD

Batch BE71371 - EPA 5035A

LCS (BE71371-BS1)

Prepared & Analyzed: 05/26/2017

1,1,1,2-Tetrachloroethane	53		ug/L	50.0		107	75-129				
1,1,1-Trichloroethane	58		"	50.0		116	71-137				
1,1,2,2-Tetrachloroethane	47		"	50.0		93.6	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		90.3	58-146				
1,1,2-Trichloroethane	52		"	50.0		104	83-123				
1,1-Dichloroethane	54		"	50.0		107	75-130				
1,1-Dichloroethylene	48		"	50.0		95.2	64-137				
1,2,3-Trichlorobenzene	50		"	50.0		99.2	81-140				
1,2,3-Trichloropropane	46		"	50.0		92.5	81-126				
1,2,4-Trichlorobenzene	51		"	50.0		102	80-141				
1,2,4-Trimethylbenzene	45		"	50.0		90.1	84-125				
1,2-Dibromo-3-chloropropane	47		"	50.0		93.4	74-142				
1,2-Dibromoethane	54		"	50.0		109	86-123				
1,2-Dichlorobenzene	50		"	50.0		100	85-122				
1,2-Dichloroethane	55		"	50.0		111	71-133				
1,2-Dichloropropane	48		"	50.0		95.7	81-122				
1,3,5-Trimethylbenzene	46		"	50.0		91.3	82-126				
1,3-Dichlorobenzene	49		"	50.0		98.4	84-124				
1,4-Dichlorobenzene	48		"	50.0		97.0	84-124				
1,4-Dioxane	1200		"	1000		116	10-228				
2-Butanone	44		"	50.0		88.7	58-147				
2-Hexanone	42		"	50.0		84.9	70-139				
4-Methyl-2-pentanone	43		"	50.0		85.8	72-132				
Acetone	28		"	50.0		55.9	36-155				
Acrolein	27		"	50.0		53.9	10-238				
Acrylonitrile	53		"	50.0		107	66-141				
Benzene	57		"	50.0		114	77-127				
Bromochloromethane	53		"	50.0		106	74-129				
Bromodichloromethane	53		"	50.0		105	81-124				
Bromoform	51		"	50.0		102	80-136				
Bromomethane	40		"	50.0		79.6	32-177				
Carbon disulfide	39		"	50.0		77.1	10-136				
Carbon tetrachloride	57		"	50.0		114	66-143				
Chlorobenzene	53		"	50.0		105	86-120				
Chloroethane	38		"	50.0		75.7	51-142				
Chloroform	59		"	50.0		118	76-131				
Chloromethane	37		"	50.0		73.1	49-132				
cis-1,2-Dichloroethylene	62		"	50.0		124	74-132				
cis-1,3-Dichloropropylene	50		"	50.0		99.8	81-129				
Cyclohexane	48		"	50.0		96.2	70-130				
Dibromochloromethane	54		"	50.0		108	10-200				
Dibromomethane	54		"	50.0		107	83-124				
Dichlorodifluoromethane	59		"	50.0		117	28-158				
Ethyl Benzene	50		"	50.0		99.6	84-125				
Hexachlorobutadiene	52		"	50.0		103	83-133				
Isopropylbenzene	47		"	50.0		93.2	81-127				
Methyl acetate	35		"	50.0		69.5	41-143				
Methyl tert-butyl ether (MTBE)	57		"	50.0		115	74-131				
Methylcyclohexane	49		"	50.0		97.3	70-130				
Methylene chloride	36		"	50.0		72.0	57-141				
n-Butylbenzene	43		"	50.0		86.8	80-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
Batch BE71371 - EPA 5035A										
LCS (BE71371-BS1)										
Prepared & Analyzed: 05/26/2017										
n-Propylbenzene	44		ug/L	50.0		88.8	74-136			
o-Xylene	51		"	50.0		102	83-123			
p- & m- Xylenes	97		"	100		96.9	82-128			
p-Isopropyltoluene	46		"	50.0		91.1	85-125			
sec-Butylbenzene	46		"	50.0		93.0	83-125			
Styrene	51		"	50.0		102	86-126			
tert-Butyl alcohol (TBA)	51		"	50.0		101	70-130			
tert-Butylbenzene	47		"	50.0		93.4	80-127			
Tetrachloroethylene	56		"	50.0		112	80-129			
Toluene	53		"	50.0		105	85-121			
trans-1,2-Dichloroethylene	53		"	50.0		107	72-132			
trans-1,3-Dichloropropylene	51		"	50.0		102	78-132			
Trichloroethylene	53		"	50.0		106	84-123			
Trichlorofluoromethane	57		"	50.0		114	62-140			
Vinyl Chloride	36		"	50.0		72.7	52-130			
Surrogate: 1,2-Dichloroethane-d4	50.0		"	50.0		100	77-125			
Surrogate: Toluene-d8	49.5		"	50.0		99.1	85-120			
Surrogate: p-Bromofluorobenzene	51.0		"	50.0		102	76-130			
LCS Dup (BE71371-BS1)										
Prepared & Analyzed: 05/26/2017										
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		107	75-129		0.318	30
1,1,1-Trichloroethane	59		"	50.0		117	71-137		1.31	30
1,1,2,2-Tetrachloroethane	48		"	50.0		96.0	79-129		2.57	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		91.5	58-146		1.28	30
1,1,2-Trichloroethane	52		"	50.0		104	83-123		0.0193	30
1,1-Dichloroethane	54		"	50.0		108	75-130		0.316	30
1,1-Dichloroethylene	47		"	50.0		94.7	64-137		0.548	30
1,2,3-Trichlorobenzene	53		"	50.0		107	81-140		7.18	30
1,2,3-Trichloropropane	48		"	50.0		95.1	81-126		2.84	30
1,2,4-Trichlorobenzene	53		"	50.0		106	80-141		4.14	30
1,2,4-Trimethylbenzene	46		"	50.0		91.9	84-125		1.93	30
1,2-Dibromo-3-chloropropane	47		"	50.0		94.4	74-142		1.06	30
1,2-Dibromoethane	56		"	50.0		112	86-123		3.42	30
1,2-Dichlorobenzene	51		"	50.0		102	85-122		1.96	30
1,2-Dichloroethane	55		"	50.0		110	71-133		0.398	30
1,2-Dichloropropane	47		"	50.0		95.0	81-122		0.734	30
1,3,5-Trimethylbenzene	47		"	50.0		94.5	82-126		3.38	30
1,3-Dichlorobenzene	49		"	50.0		98.4	84-124		0.00	30
1,4-Dichlorobenzene	50		"	50.0		101	84-124		3.76	30
1,4-Dioxane	1200		"	1000		121	10-228		4.11	30
2-Butanone	45		"	50.0		91.0	58-147		2.49	30
2-Hexanone	44		"	50.0		87.0	70-139		2.40	30
4-Methyl-2-pentanone	43		"	50.0		86.9	72-132		1.27	30
Acetone	30		"	50.0		60.7	36-155		8.13	30
Acrolein	27		"	50.0		54.5	10-238		1.07	30
Acrylonitrile	56		"	50.0		112	66-141		5.01	30
Benzene	57		"	50.0		115	77-127		1.19	30
Bromochloromethane	53		"	50.0		107	74-129		0.282	30
Bromodichloromethane	52		"	50.0		104	81-124		0.992	30
Bromoform	53		"	50.0		106	80-136		4.07	30
Bromomethane	41		"	50.0		81.2	32-177		2.04	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
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Batch BE71371 - EPA 5035A

LCS Dup (BE71371-BSD1)

Prepared & Analyzed: 05/26/2017

Carbon disulfide	39		ug/L	50.0		78.4	10-136		1.65	30	
Carbon tetrachloride	58		"	50.0		116	66-143		1.91	30	
Chlorobenzene	54		"	50.0		107	86-120		1.53	30	
Chloroethane	39		"	50.0		78.6	51-142		3.79	30	
Chloroform	59		"	50.0		118	76-131		0.339	30	
Chloromethane	37		"	50.0		74.1	49-132		1.33	30	
cis-1,2-Dichloroethylene	61		"	50.0		122	74-132		1.54	30	
cis-1,3-Dichloropropylene	50		"	50.0		101	81-129		1.02	30	
Cyclohexane	47		"	50.0		94.0	70-130		2.31	30	
Dibromochloromethane	56		"	50.0		111	10-200		2.42	30	
Dibromomethane	56		"	50.0		112	83-124		4.62	30	
Dichlorodifluoromethane	58		"	50.0		116	28-158		0.753	30	
Ethyl Benzene	51		"	50.0		102	84-125		2.07	30	
Hexachlorobutadiene	52		"	50.0		105	83-133		1.35	30	
Isopropylbenzene	47		"	50.0		94.9	81-127		1.83	30	
Methyl acetate	37		"	50.0		73.2	41-143		5.21	30	
Methyl tert-butyl ether (MTBE)	57		"	50.0		115	74-131		0.296	30	
Methylcyclohexane	49		"	50.0		98.4	70-130		1.17	30	
Methylene chloride	37		"	50.0		73.7	57-141		2.39	30	
n-Butylbenzene	45		"	50.0		89.3	80-130		2.82	30	
n-Propylbenzene	46		"	50.0		92.0	74-136		3.58	30	
o-Xylene	52		"	50.0		104	83-123		1.32	30	
p- & m- Xylenes	100		"	100		99.6	82-128		2.79	30	
p-Isopropyltoluene	47		"	50.0		93.1	85-125		2.19	30	
sec-Butylbenzene	47		"	50.0		94.3	83-125		1.47	30	
Styrene	51		"	50.0		102	86-126		0.0392	30	
tert-Butyl alcohol (TBA)	52		"	50.0		104	70-130		2.93	30	
tert-Butylbenzene	48		"	50.0		96.8	80-127		3.55	30	
Tetrachloroethylene	57		"	50.0		113	80-129		0.905	30	
Toluene	53		"	50.0		105	85-121		0.114	30	
trans-1,2-Dichloroethylene	54		"	50.0		108	72-132		1.47	30	
trans-1,3-Dichloropropylene	51		"	50.0		103	78-132		0.802	30	
Trichloroethylene	53		"	50.0		107	84-123		0.921	30	
Trichlorofluoromethane	57		"	50.0		114	62-140		0.0352	30	
Vinyl Chloride	37		"	50.0		73.2	52-130		0.658	30	
Surrogate: 1,2-Dichloroethane-d4	49.8		"	50.0		99.7	77-125				
Surrogate: Toluene-d8	49.3		"	50.0		98.7	85-120				
Surrogate: p-Bromofluorobenzene	51.0		"	50.0		102	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Limit	Flag
		Limit								RPD		

Batch BE71448 - EPA 5035A

Blank (BE71448-BLK1)

Prepared & Analyzed: 05/30/2017

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	"
1,2,3-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	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2-Butanone	ND	0.0050	"
2-Hexanone	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	"
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	"
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	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					RPD	

Batch BE71448 - EPA 5035A

Blank (BE71448-BLK1)

Prepared & Analyzed: 05/30/2017

n-Propylbenzene	ND	0.0050	mg/kg wet								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								

<i>Surrogate: 1,2-Dichloroethane-d4</i>	54.4		ug/L	50.0	109	77-125					
<i>Surrogate: Toluene-d8</i>	52.4		"	50.0	105	85-120					
<i>Surrogate: p-Bromofluorobenzene</i>	50.3		"	50.0	101	76-130					

LCS (BE71448-BS1)

Prepared & Analyzed: 05/30/2017

1,1,1,2-Tetrachloroethane	54		ug/L	50.0	109	75-129					
1,1,1-Trichloroethane	50		"	50.0	100	71-137					
1,1,2,2-Tetrachloroethane	54		"	50.0	107	79-129					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0	93.5	58-146					
1,1,2-Trichloroethane	53		"	50.0	105	83-123					
1,1-Dichloroethane	53		"	50.0	106	75-130					
1,1-Dichloroethylene	51		"	50.0	103	64-137					
1,2,3-Trichlorobenzene	50		"	50.0	99.2	81-140					
1,2,3-Trichloropropane	55		"	50.0	110	81-126					
1,2,4-Trichlorobenzene	45		"	50.0	90.4	80-141					
1,2,4-Trimethylbenzene	51		"	50.0	102	84-125					
1,2-Dibromo-3-chloropropane	53		"	50.0	105	74-142					
1,2-Dibromoethane	53		"	50.0	105	86-123					
1,2-Dichlorobenzene	51		"	50.0	102	85-122					
1,2-Dichloroethane	53		"	50.0	105	71-133					
1,2-Dichloropropane	52		"	50.0	104	81-122					
1,3,5-Trimethylbenzene	51		"	50.0	102	82-126					
1,3-Dichlorobenzene	49		"	50.0	97.5	84-124					
1,4-Dichlorobenzene	47		"	50.0	95.0	84-124					
1,4-Dioxane	970		"	1000	96.8	10-228					
2-Butanone	46		"	50.0	91.3	58-147					
2-Hexanone	47		"	50.0	94.5	70-139					
4-Methyl-2-pentanone	49		"	50.0	97.7	72-132					
Acetone	44		"	50.0	88.8	36-155					
Acrolein	52		"	50.0	104	10-238					
Acrylonitrile	51		"	50.0	101	66-141					
Benzene	51		"	50.0	102	77-127					
Bromochloromethane	53		"	50.0	106	74-129					
Bromodichloromethane	53		"	50.0	106	81-124					
Bromoform	55		"	50.0	110	80-136					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Flag
		Limit								Units	

Batch BE71448 - EPA 5035A

LCS (BE71448-BS1)

Prepared & Analyzed: 05/30/2017

Bromomethane	50		ug/L	50.0	100		32-177				
Carbon disulfide	51		"	50.0	103		10-136				
Carbon tetrachloride	50		"	50.0	101		66-143				
Chlorobenzene	52		"	50.0	105		86-120				
Chloroethane	49		"	50.0	97.5		51-142				
Chloroform	51		"	50.0	103		76-131				
Chloromethane	47		"	50.0	94.5		49-132				
cis-1,2-Dichloroethylene	50		"	50.0	100		74-132				
cis-1,3-Dichloropropylene	49		"	50.0	98.2		81-129				
Cyclohexane	48		"	50.0	95.1		70-130				
Dibromochloromethane	55		"	50.0	109		10-200				
Dibromomethane	52		"	50.0	103		83-124				
Dichlorodifluoromethane	43		"	50.0	86.9		28-158				
Ethyl Benzene	51		"	50.0	102		84-125				
Hexachlorobutadiene	48		"	50.0	95.0		83-133				
Isopropylbenzene	53		"	50.0	106		81-127				
Methyl acetate	47		"	50.0	94.4		41-143				
Methyl tert-butyl ether (MTBE)	50		"	50.0	100		74-131				
Methylcyclohexane	52		"	50.0	103		70-130				
Methylene chloride	47		"	50.0	93.2		57-141				
n-Butylbenzene	47		"	50.0	93.2		80-130				
n-Propylbenzene	50		"	50.0	99.6		74-136				
o-Xylene	52		"	50.0	104		83-123				
p- & m- Xylenes	100		"	100	102		82-128				
p-Isopropyltoluene	49		"	50.0	98.1		85-125				
sec-Butylbenzene	51		"	50.0	103		83-125				
Styrene	51		"	50.0	102		86-126				
tert-Butyl alcohol (TBA)	50		"	50.0	101		70-130				
tert-Butylbenzene	50		"	50.0	99.0		80-127				
Tetrachloroethylene	52		"	50.0	104		80-129				
Toluene	53		"	50.0	106		85-121				
trans-1,2-Dichloroethylene	50		"	50.0	101		72-132				
trans-1,3-Dichloropropylene	49		"	50.0	97.6		78-132				
Trichloroethylene	50		"	50.0	100		84-123				
Trichlorofluoromethane	48		"	50.0	95.3		62-140				
Vinyl Chloride	49		"	50.0	98.0		52-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.9</i>		<i>"</i>	<i>50.0</i>	<i>102</i>		<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>50.8</i>		<i>"</i>	<i>50.0</i>	<i>102</i>		<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>53.1</i>		<i>"</i>	<i>50.0</i>	<i>106</i>		<i>76-130</i>				



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
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Batch BE71448 - EPA 5035A

LCS Dup (BE71448-BSD1)

Prepared & Analyzed: 05/30/2017

1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	75-129		1.21	30	
1,1,1-Trichloroethane	51		"	50.0		102	71-137		1.13	30	
1,1,2,2-Tetrachloroethane	54		"	50.0		107	79-129		0.149	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		95.7	58-146		2.30	30	
1,1,2-Trichloroethane	55		"	50.0		111	83-123		5.18	30	
1,1-Dichloroethane	54		"	50.0		108	75-130		1.95	30	
1,1-Dichloroethylene	53		"	50.0		106	64-137		3.36	30	
1,2,3-Trichlorobenzene	50		"	50.0		100	81-140		0.743	30	
1,2,3-Trichloropropane	55		"	50.0		110	81-126		0.200	30	
1,2,4-Trichlorobenzene	46		"	50.0		91.9	80-141		1.62	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125		0.0394	30	
1,2-Dibromo-3-chloropropane	53		"	50.0		106	74-142		0.813	30	
1,2-Dibromoethane	53		"	50.0		107	86-123		1.11	30	
1,2-Dichlorobenzene	51		"	50.0		102	85-122		0.412	30	
1,2-Dichloroethane	53		"	50.0		105	71-133		0.0190	30	
1,2-Dichloropropane	54		"	50.0		108	81-122		3.48	30	
1,3,5-Trimethylbenzene	51		"	50.0		101	82-126		0.217	30	
1,3-Dichlorobenzene	50		"	50.0		99.3	84-124		1.83	30	
1,4-Dichlorobenzene	47		"	50.0		94.4	84-124		0.591	30	
1,4-Dioxane	990		"	1000		98.7	10-228		2.03	30	
2-Butanone	47		"	50.0		93.2	58-147		2.02	30	
2-Hexanone	50		"	50.0		99.9	70-139		5.55	30	
4-Methyl-2-pentanone	50		"	50.0		100	72-132		2.57	30	
Acetone	48		"	50.0		96.9	36-155		8.64	30	
Acrolein	56		"	50.0		111	10-238		6.45	30	
Acrylonitrile	53		"	50.0		106	66-141		4.36	30	
Benzene	51		"	50.0		103	77-127		0.976	30	
Bromochloromethane	54		"	50.0		108	74-129		1.46	30	
Bromodichloromethane	56		"	50.0		112	81-124		6.07	30	
Bromoform	56		"	50.0		112	80-136		2.12	30	
Bromomethane	48		"	50.0		96.8	32-177		3.21	30	
Carbon disulfide	51		"	50.0		102	10-136		0.137	30	
Carbon tetrachloride	51		"	50.0		102	66-143		0.830	30	
Chlorobenzene	52		"	50.0		105	86-120		0.153	30	
Chloroethane	49		"	50.0		99.0	51-142		1.49	30	
Chloroform	52		"	50.0		105	76-131		1.62	30	
Chloromethane	47		"	50.0		94.5	49-132		0.0212	30	
cis-1,2-Dichloroethylene	51		"	50.0		101	74-132		1.33	30	
cis-1,3-Dichloropropylene	50		"	50.0		99.0	81-129		0.811	30	
Cyclohexane	47		"	50.0		94.1	70-130		1.06	30	
Dibromochloromethane	56		"	50.0		113	10-200		2.81	30	
Dibromomethane	52		"	50.0		103	83-124		0.0194	30	
Dichlorodifluoromethane	43		"	50.0		86.2	28-158		0.739	30	
Ethyl Benzene	52		"	50.0		104	84-125		2.23	30	
Hexachlorobutadiene	48		"	50.0		96.3	83-133		1.28	30	
Isopropylbenzene	52		"	50.0		105	81-127		0.742	30	
Methyl acetate	48		"	50.0		96.8	41-143		2.55	30	
Methyl tert-butyl ether (MTBE)	51		"	50.0		101	74-131		1.25	30	
Methylcyclohexane	53		"	50.0		106	70-130		2.64	30	
Methylene chloride	47		"	50.0		94.2	57-141		1.07	30	
n-Butylbenzene	46		"	50.0		92.7	80-130		0.603	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
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Batch BE71448 - EPA 5035A

LCS Dup (BE71448-BSD1)

Prepared & Analyzed: 05/30/2017

n-Propylbenzene	51		ug/L	50.0		103	74-136		2.93	30	
o-Xylene	53		"	50.0		106	83-123		1.39	30	
p- & m- Xylenes	100		"	100		104	82-128		1.60	30	
p-Isopropyltoluene	50		"	50.0		99.2	85-125		1.14	30	
sec-Butylbenzene	52		"	50.0		104	83-125		0.776	30	
Styrene	52		"	50.0		105	86-126		2.99	30	
tert-Butyl alcohol (TBA)	47		"	50.0		94.1	70-130		6.68	30	
tert-Butylbenzene	45		"	50.0		89.5	80-127		10.1	30	
Tetrachloroethylene	72		"	50.0		143	80-129	High Bias	31.5	30	Non-dir.
Toluene	54		"	50.0		107	85-121		1.43	30	
trans-1,2-Dichloroethylene	52		"	50.0		103	72-132		2.53	30	
trans-1,3-Dichloropropylene	48		"	50.0		97.0	78-132		0.576	30	
Trichloroethylene	53		"	50.0		106	84-123		5.60	30	
Trichlorofluoromethane	50		"	50.0		99.3	62-140		4.15	30	
Vinyl Chloride	50		"	50.0		99.1	52-130		1.10	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.1</i>		<i>"</i>	<i>50.0</i>		<i>100</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>51.4</i>		<i>"</i>	<i>50.0</i>		<i>103</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.7</i>		<i>"</i>	<i>50.0</i>		<i>103</i>	<i>76-130</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result	%REC			Limit			

Batch BE71143 - EPA 3510C

Blank (BE71143-BLK1)

Prepared: 05/23/2017 Analyzed: 05/30/2017

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	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	"
1,2,4-Trichlorobenzene	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	"
1,2-Dichlorobenzene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
1,3-Dichlorobenzene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
1,4-Dichlorobenzene	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	"
Acenaphthene	ND	0.0500	"
Acenaphthylene	ND	0.0500	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	20.0	"
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	"
Benzoic acid	ND	50.0	"
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	"
Bis(2-ethylhexyl)phthalate	ND	0.500	"



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
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Batch BE71143 - EPA 3510C

Blank (BE71143-BLK1)

Prepared: 05/23/2017 Analyzed: 05/30/2017

Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Hexachlorobutadiene	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
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	"								
Naphthalene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: 2-Fluorophenol	26.0		"	78.0		33.4	12-64				
Surrogate: Phenol-d5	14.6		"	76.8		19.1	10-82				
Surrogate: Nitrobenzene-d5	42.6		"	57.4		74.3	12-96				
Surrogate: 2-Fluorobiphenyl	44.5		"	51.2		87.0	16-84				
Surrogate: 2,4,6-Tribromophenol	105		"	78.2		134	15-104				
Surrogate: Terphenyl-d14	38.0		"	50.2		75.6	15-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BE71143 - EPA 3510C

Blank (BE71143-BLK2)

Prepared: 05/23/2017 Analyzed: 05/25/2017

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	"
Hexachlorobutadiene	ND	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Naphthalene	0.140	0.0500	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Pyrene	ND	0.0500	"

LCS (BE71143-BS1)

Prepared: 05/23/2017 Analyzed: 05/30/2017

1,1-Biphenyl	20.9	5.00	ug/L	25.0	83.8	21-102	
1,2,4,5-Tetrachlorobenzene	19.9	5.00	"	25.0	79.4	28-105	
1,2-Diphenylhydrazine (as Azobenzene)	19.8	5.00	"	25.0	79.0	16-137	
2,3,4,6-Tetrachlorophenol	63.2	5.00	"	25.0	253	30-130	High Bias
2,4,5-Trichlorophenol	29.8	5.00	"	25.0	119	36-112	High Bias
2,4,6-Trichlorophenol	24.6	5.00	"	25.0	98.3	41-107	
1,2,4-Trichlorobenzene	19.7	5.00	"	25.0	78.8	35-91	
2,4-Dichlorophenol	19.5	5.00	"	25.0	78.0	43-92	
2,4-Dimethylphenol	16.2	5.00	"	25.0	65.0	25-92	
2,4-Dinitrophenol	25.1	5.00	"	25.0	100	10-149	
2,4-Dinitrotoluene	26.3	5.00	"	25.0	105	41-114	
1,2-Dichlorobenzene	16.9	5.00	"	25.0	67.6	42-85	
2,6-Dinitrotoluene	24.7	5.00	"	25.0	98.7	49-106	
2-Chloronaphthalene	19.3	5.00	"	25.0	77.4	40-96	
2-Chlorophenol	16.6	5.00	"	25.0	66.4	35-84	
2-Methylnaphthalene	21.0	5.00	"	25.0	83.8	33-101	
1,3-Dichlorobenzene	16.8	5.00	"	25.0	67.3	45-80	
2-Methylphenol	12.3	5.00	"	25.0	49.2	10-90	
2-Nitroaniline	23.7	5.00	"	25.0	94.6	31-122	
1,4-Dichlorobenzene	15.8	5.00	"	25.0	63.2	42-82	
2-Nitrophenol	23.0	5.00	"	25.0	91.9	37-97	
3- & 4-Methylphenols	10.2	5.00	"	25.0	40.9	10-101	
3,3-Dichlorobenzidine	17.6	5.00	"	25.0	70.4	25-155	
3-Nitroaniline	23.7	5.00	"	25.0	94.6	29-128	
4,6-Dinitro-2-methylphenol	40.6	5.00	"	25.0	162	10-135	High Bias



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit			Result					RPD	Limit
Batch BE71143 - EPA 3510C											
LCS (BE71143-BS1)											
Prepared: 05/23/2017 Analyzed: 05/30/2017											
4-Bromophenyl phenyl ether	21.8	5.00	ug/L	25.0		87.3		38-116			
4-Chloro-3-methylphenol	19.6	5.00	"	25.0		78.6		28-101			
4-Chloroaniline	21.2	5.00	"	25.0		84.8		10-154			
4-Chlorophenyl phenyl ether	22.7	5.00	"	25.0		90.6		34-112			
4-Nitroaniline	23.4	5.00	"	25.0		93.8		15-143			
4-Nitrophenol	8.75	5.00	"	25.0		35.0		10-112			
Acenaphthene	23.0	0.0500	"	25.0		92.0		24-114			
Acenaphthylene	20.4	0.0500	"	25.0		81.4		26-112			
Acetophenone	16.4	5.00	"	25.0		65.5		47-92			
Aniline	5.11	5.00	"	25.0		20.4		10-107			
Anthracene	21.6	0.0500	"	25.0		86.5		35-114			
Atrazine	43.1	0.500	"	25.0		172		43-101	High Bias		
Benzaldehyde	15.2	5.00	"	25.0		60.8		17-117			
Benzo(a)anthracene	20.9	0.0500	"	25.0		83.5		38-127			
Benzo(a)pyrene	20.8	0.0500	"	25.0		83.4		30-146			
Benzo(b)fluoranthene	20.6	0.0500	"	25.0		82.4		36-145			
Benzo(g,h,i)perylene	23.4	0.0500	"	25.0		93.8		10-163			
Benzo(k)fluoranthene	23.7	0.0500	"	25.0		95.0		16-149			
Benzoic acid	ND	50.0	"	25.0				30-130	Low Bias		
Benzyl alcohol	10.7	5.00	"	25.0		42.7		18-75			
Benzyl butyl phthalate	20.6	5.00	"	25.0		82.2		28-129			
Bis(2-chloroethoxy)methane	18.5	5.00	"	25.0		74.0		27-112			
Bis(2-chloroethyl)ether	12.8	5.00	"	25.0		51.2		24-114			
Bis(2-chloroisopropyl)ether	15.3	5.00	"	25.0		61.4		21-124			
Bis(2-ethylhexyl)phthalate	21.5	0.500	"	25.0		85.9		10-171			
Caprolactam	3.17	5.00	"	25.0		12.7		10-29			
Carbazole	59.4	5.00	"	25.0		237		49-116	High Bias		
Hexachlorobutadiene	21.8	0.500	"	25.0		87.3		25-106			
Chrysene	20.5	0.0500	"	25.0		82.1		33-120			
Dibenzo(a,h)anthracene	23.8	0.0500	"	25.0		95.0		10-149			
Dibenzofuran	22.6	5.00	"	25.0		90.4		42-105			
Diethyl phthalate	23.5	5.00	"	25.0		94.1		38-112			
Dimethyl phthalate	22.5	5.00	"	25.0		90.2		49-106			
Di-n-butyl phthalate	23.2	5.00	"	25.0		92.9		36-110			
Di-n-octyl phthalate	22.3	5.00	"	25.0		89.2		12-149			
Naphthalene	19.7	0.0500	"	25.0		78.8		30-99			
Fluoranthene	24.4	0.0500	"	25.0		97.6		33-126			
Fluorene	23.4	0.0500	"	25.0		93.6		28-117			
Hexachlorobenzene	22.4	0.0200	"	25.0		89.8		27-120			
Hexachlorocyclopentadiene	6.64	5.00	"	25.0		26.6		10-99			
Hexachloroethane	17.3	0.500	"	25.0		69.3		33-84			
Indeno(1,2,3-cd)pyrene	23.2	0.0500	"	25.0		93.0		10-150			
Isophorone	17.9	5.00	"	25.0		71.6		29-115			
Nitrobenzene	17.6	0.250	"	25.0		70.5		32-113			
N-Nitrosodimethylamine	5.65	0.500	"	25.0		22.6		10-63			
N-nitroso-di-n-propylamine	15.1	5.00	"	25.0		60.4		36-118			
N-Nitrosodiphenylamine	28.2	5.00	"	25.0		113		27-145			
Pentachlorophenol	21.7	0.250	"	25.0		86.9		19-127			
Phenanthrene	24.0	0.0500	"	25.0		95.8		31-112			
Phenol	5.46	5.00	"	25.0		21.8		10-37			
Pyrene	21.6	0.0500	"	25.0		86.2		42-125			



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
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Batch BE71143 - EPA 3510C

LCS (BE71143-BS1)

Prepared: 05/23/2017 Analyzed: 05/30/2017

Surrogate: 2-Fluorophenol	24.9		ug/L	78.0		31.9	12-64				
Surrogate: Phenol-d5	14.7		"	76.8		19.1	10-82				
Surrogate: Nitrobenzene-d5	40.1		"	57.4		69.8	12-96				
Surrogate: 2-Fluorobiphenyl	43.2		"	51.2		84.3	16-84				
Surrogate: 2,4,6-Tribromophenol	114		"	78.2		146	15-104				
Surrogate: Terphenyl-d14	32.2		"	50.2		64.1	15-106				

LCS (BE71143-BS2)

Prepared: 05/23/2017 Analyzed: 05/25/2017

Acenaphthene	0.630	0.0500	ug/L	1.00		63.0	24-114				
Acenaphthylene	0.640	0.0500	"	1.00		64.0	26-112				
Anthracene	0.650	0.0500	"	1.00		65.0	35-114				
Atrazine	ND	0.500	"				43-101				
Benzo(a)anthracene	0.860	0.0500	"	1.00		86.0	38-127				
Benzo(a)pyrene	0.910	0.0500	"	1.00		91.0	30-146				
Benzo(b)fluoranthene	0.900	0.0500	"	1.00		90.0	36-145				
Benzo(g,h,i)perylene	0.860	0.0500	"	1.00		86.0	10-163				
Benzo(k)fluoranthene	0.930	0.0500	"	1.00		93.0	16-149				
Bis(2-ethylhexyl)phthalate	ND	0.500	"				10-171				
Hexachlorobutadiene	ND	0.500	"				25-106				
Chrysene	0.840	0.0500	"	1.00		84.0	33-120				
Dibenzo(a,h)anthracene	0.920	0.0500	"	1.00		92.0	10-149				
Naphthalene	0.560	0.0500	"	1.00		56.0	30-99				
Fluoranthene	0.700	0.0500	"	1.00		70.0	33-126				
Fluorene	0.630	0.0500	"	1.00		63.0	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	0.910	0.0500	"	1.00		91.0	10-150				
Nitrobenzene	ND	0.250	"				32-113				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	0.640	0.0500	"	1.00		64.0	31-112				
Pyrene	0.920	0.0500	"	1.00		92.0	42-125				



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 BE71143 - EPA 3510C											
LCS Dup (BE71143-BSD1)											
Prepared: 05/23/2017 Analyzed: 05/30/2017											
1,1-Biphenyl	18.4	5.00	ug/L	25.0		73.4	21-102		13.2	20	
1,2,4,5-Tetrachlorobenzene	17.9	5.00	"	25.0		71.7	28-105		10.3	20	
1,2-Diphenylhydrazine (as Azobenzene)	18.2	5.00	"	25.0		72.8	16-137		8.22	20	
2,3,4,6-Tetrachlorophenol	56.8	5.00	"	25.0		227	30-130	High Bias	10.7	20	
2,4,5-Trichlorophenol	27.0	5.00	"	25.0		108	36-112		10.1	20	
2,4,6-Trichlorophenol	22.0	5.00	"	25.0		88.2	41-107		10.8	20	
1,2,4-Trichlorobenzene	17.7	5.00	"	25.0		70.7	35-91		10.8	20	
2,4-Dichlorophenol	17.8	5.00	"	25.0		71.3	43-92		9.00	20	
2,4-Dimethylphenol	13.8	5.00	"	25.0		55.2	25-92		16.2	20	
2,4-Dinitrophenol	24.6	5.00	"	25.0		98.2	10-149		2.26	20	
2,4-Dinitrotoluene	24.6	5.00	"	25.0		98.3	41-114		6.88	20	
1,2-Dichlorobenzene	14.9	5.00	"	25.0		59.6	42-85		12.6	20	
2,6-Dinitrotoluene	22.8	5.00	"	25.0		91.1	49-106		8.01	20	
2-Chloronaphthalene	17.5	5.00	"	25.0		70.1	40-96		9.88	20	
2-Chlorophenol	15.1	5.00	"	25.0		60.2	35-84		9.67	20	
2-Methylnaphthalene	19.2	5.00	"	25.0		76.9	33-101		8.56	20	
1,3-Dichlorobenzene	14.9	5.00	"	25.0		59.7	45-80		12.0	20	
2-Methylphenol	11.1	5.00	"	25.0		44.3	10-90		10.5	20	
2-Nitroaniline	21.6	5.00	"	25.0		86.2	31-122		9.33	20	
1,4-Dichlorobenzene	13.9	5.00	"	25.0		55.4	42-82		13.0	20	
2-Nitrophenol	21.2	5.00	"	25.0		85.0	37-97		7.87	20	
3- & 4-Methylphenols	9.14	5.00	"	25.0		36.6	10-101		11.2	20	
3,3-Dichlorobenzidine	20.3	5.00	"	25.0		81.4	25-155		14.5	20	
3-Nitroaniline	21.6	5.00	"	25.0		86.2	29-128		9.33	20	
4,6-Dinitro-2-methylphenol	38.7	5.00	"	25.0		155	10-135	High Bias	4.74	20	
4-Bromophenyl phenyl ether	19.8	5.00	"	25.0		79.2	38-116		9.75	20	
4-Chloro-3-methylphenol	18.6	5.00	"	25.0		74.5	28-101		5.28	20	
4-Chloroaniline	19.5	5.00	"	25.0		77.9	10-154		8.51	20	
4-Chlorophenyl phenyl ether	20.8	5.00	"	25.0		83.0	34-112		8.80	20	
4-Nitroaniline	18.2	5.00	"	25.0		72.6	15-143		25.4	20	Non-dir.
4-Nitrophenol	9.50	5.00	"	25.0		38.0	10-112		8.22	20	
Acenaphthene	20.9	0.0500	"	25.0		83.6	24-114		9.57	20	
Acenaphthylene	18.6	0.0500	"	25.0		74.4	26-112		9.04	20	
Acetophenone	14.4	5.00	"	25.0		57.5	47-92		13.0	20	
Aniline	6.84	5.00	"	25.0		27.4	10-107		29.0	20	Non-dir.
Anthracene	19.8	0.0500	"	25.0		79.4	35-114		8.54	20	
Atrazine	38.0	0.500	"	25.0		152	43-101	High Bias	12.5	20	
Benzaldehyde	13.2	5.00	"	25.0		53.0	17-117		13.6	20	
Benzo(a)anthracene	20.0	0.0500	"	25.0		79.9	38-127		4.41	20	
Benzo(a)pyrene	19.7	0.0500	"	25.0		78.8	30-146		5.67	20	
Benzo(b)fluoranthene	19.6	0.0500	"	25.0		78.4	36-145		4.88	20	
Benzo(g,h,i)perylene	21.4	0.0500	"	25.0		85.7	10-163		9.00	20	
Benzo(k)fluoranthene	22.4	0.0500	"	25.0		89.8	16-149		5.59	20	
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias		20	
Benzyl alcohol	9.72	5.00	"	25.0		38.9	18-75		9.41	20	
Benzyl butyl phthalate	19.5	5.00	"	25.0		78.2	28-129		5.09	20	
Bis(2-chloroethoxy)methane	17.3	5.00	"	25.0		69.1	27-112		6.87	20	
Bis(2-chloroethyl)ether	11.6	5.00	"	25.0		46.5	24-114		9.58	20	
Bis(2-chloroisopropyl)ether	13.8	5.00	"	25.0		55.3	21-124		10.4	20	
Bis(2-ethylhexyl)phthalate	20.0	0.500	"	25.0		79.8	10-171		7.29	20	
Caprolactam	2.94	5.00	"	25.0		11.8	10-29		7.53	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
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Batch BE71143 - EPA 3510C

LCS Dup (BE71143-BSD1)

Prepared: 05/23/2017 Analyzed: 05/30/2017

Carbazole	48.3	5.00	ug/L	25.0		193	49-116	High Bias	20.6	20	Non-dir.
Hexachlorobutadiene	19.3	0.500	"	25.0		77.3	25-106		12.1	20	
Chrysene	19.5	0.0500	"	25.0		78.1	33-120		4.99	20	
Dibenzo(a,h)anthracene	21.8	0.0500	"	25.0		87.3	10-149		8.42	20	
Dibenzofuran	20.6	5.00	"	25.0		82.6	42-105		9.06	20	
Diethyl phthalate	21.8	5.00	"	25.0		87.2	38-112		7.64	20	
Dimethyl phthalate	20.9	5.00	"	25.0		83.6	49-106		7.60	20	
Di-n-butyl phthalate	21.5	5.00	"	25.0		85.9	36-110		7.87	20	
Di-n-octyl phthalate	21.0	5.00	"	25.0		83.9	12-149		6.10	20	
Naphthalene	17.9	0.0500	"	25.0		71.7	30-99		9.36	20	
Fluoranthene	22.5	0.0500	"	25.0		90.1	33-126		8.01	20	
Fluorene	21.2	0.0500	"	25.0		85.0	28-117		9.59	20	
Hexachlorobenzene	20.5	0.0200	"	25.0		82.1	27-120		8.93	20	
Hexachlorocyclopentadiene	5.39	5.00	"	25.0		21.6	10-99		20.8	20	Non-dir.
Hexachloroethane	15.0	0.500	"	25.0		60.0	33-84		14.4	20	
Indeno(1,2,3-cd)pyrene	21.3	0.0500	"	25.0		85.2	10-150		8.71	20	
Isophorone	16.8	5.00	"	25.0		67.1	29-115		6.46	20	
Nitrobenzene	16.4	0.250	"	25.0		65.8	32-113		6.92	20	
N-Nitrosodimethylamine	5.16	0.500	"	25.0		20.6	10-63		9.07	20	
N-nitroso-di-n-propylamine	13.8	5.00	"	25.0		55.0	36-118		9.36	20	
N-Nitrosodiphenylamine	26.0	5.00	"	25.0		104	27-145		8.27	20	
Pentachlorophenol	19.4	0.250	"	25.0		77.5	19-127		11.4	20	
Phenanthrene	22.2	0.0500	"	25.0		88.8	31-112		7.63	20	
Phenol	5.03	5.00	"	25.0		20.1	10-37		8.20	20	
Pyrene	20.4	0.0500	"	25.0		81.8	42-125		5.29	20	
Surrogate: 2-Fluorophenol	23.9		"	78.0		30.7	12-64				
Surrogate: Phenol-d5	14.2		"	76.8		18.5	10-82				
Surrogate: Nitrobenzene-d5	39.0		"	57.4		67.9	12-96				
Surrogate: 2-Fluorobiphenyl	40.7		"	51.2		79.5	16-84				
Surrogate: 2,4,6-Tribromophenol	110		"	78.2		141	15-104				
Surrogate: Terphenyl-d14	31.7		"	50.2		63.1	15-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Limits	Flag	RPD	Limit	Flag
		Limit			Result	%REC			RPD		
Batch BE71374 - EPA 3550C											
Blank (BE71374-BLK1)										Prepared & Analyzed: 05/26/2017	
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	41.7	ug/kg wet								
1,2,4-Trichlorobenzene	ND	0.0417	mg/kg wet								
1,2-Dichlorobenzene	ND	41.7	ug/kg wet								
1,2-Dichlorobenzene	ND	0.0417	mg/kg wet								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,3-Dichlorobenzene	ND	41.7	ug/kg wet								
1,4-Dichlorobenzene	ND	41.7	"								
1,4-Dichlorobenzene	ND	0.0417	mg/kg wet								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	41.7	ug/kg wet								
2,4-Dinitrotoluene	ND	0.0417	mg/kg wet								
2,6-Dinitrotoluene	ND	41.7	ug/kg wet								
2,6-Dinitrotoluene	ND	0.0417	mg/kg wet								
2-Chloronaphthalene	ND	41.7	ug/kg wet								
2-Chloronaphthalene	ND	0.0417	mg/kg wet								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylnaphthalene	ND	41.7	ug/kg wet								
2-Methylphenol	ND	0.0417	mg/kg wet								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	41.7	ug/kg wet								
3-Nitroaniline	ND	0.0833	mg/kg wet								
3-Nitroaniline	ND	83.3	ug/kg wet								
4,6-Dinitro-2-methylphenol	ND	0.0833	mg/kg wet								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Bromophenyl phenyl ether	ND	41.7	ug/kg wet								
4-Chloro-3-methylphenol	ND	0.0417	mg/kg wet								
4-Chloroaniline	ND	0.0417	"								
4-Chloroaniline	ND	41.7	ug/kg wet								
4-Chlorophenyl phenyl ether	ND	0.0417	mg/kg wet								
4-Chlorophenyl phenyl ether	ND	41.7	ug/kg wet								
4-Nitroaniline	ND	0.0833	mg/kg wet								
4-Nitroaniline	ND	83.3	ug/kg wet								
4-Nitrophenol	ND	0.0833	mg/kg wet								
Acenaphthene	ND	0.0417	"								
Acenaphthene	ND	41.7	ug/kg wet								
Acenaphthylene	ND	0.0417	mg/kg wet								
Acenaphthylene	ND	41.7	ug/kg wet								
Acetophenone	ND	0.0417	mg/kg wet								
Aniline	ND	0.167	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD	
		Limit	Units							Limit	Flag

Batch BE71374 - EPA 3550C

Blank (BE71374-BLK1)

Prepared & Analyzed: 05/26/2017

Aniline	ND	167	ug/kg wet								
Anthracene	ND	0.0417	mg/kg wet								
Anthracene	ND	41.7	ug/kg wet								
Atrazine	ND	0.0417	mg/kg wet								
Benzaldehyde	ND	0.0417	"								
Benzdine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)anthracene	ND	41.7	ug/kg wet								
Benzo(a)pyrene	ND	0.0417	mg/kg wet								
Benzo(a)pyrene	ND	41.7	ug/kg wet								
Benzo(b)fluoranthene	ND	0.0417	mg/kg wet								
Benzo(b)fluoranthene	ND	41.7	ug/kg wet								
Benzo(g,h,i)perylene	ND	0.0417	mg/kg wet								
Benzo(g,h,i)perylene	ND	41.7	ug/kg wet								
Benzo(k)fluoranthene	ND	0.0417	mg/kg wet								
Benzo(k)fluoranthene	ND	41.7	ug/kg wet								
Benzoic acid	ND	0.0417	mg/kg wet								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Benzyl butyl phthalate	ND	41.7	ug/kg wet								
Bis(2-chloroethoxy)methane	ND	41.7	"								
Bis(2-chloroethoxy)methane	ND	0.0417	mg/kg wet								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	41.7	ug/kg wet								
Bis(2-chloroisopropyl)ether	ND	0.0417	mg/kg wet								
Bis(2-chloroisopropyl)ether	ND	41.7	ug/kg wet								
Bis(2-ethylhexyl)phthalate	ND	0.0417	mg/kg wet								
Bis(2-ethylhexyl)phthalate	ND	41.7	ug/kg wet								
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Carbazole	ND	41.7	ug/kg wet								
Chrysene	ND	0.0417	mg/kg wet								
Chrysene	ND	41.7	ug/kg wet								
Dibenzo(a,h)anthracene	ND	0.0417	mg/kg wet								
Dibenzo(a,h)anthracene	ND	41.7	ug/kg wet								
Dibenzofuran	ND	0.0417	mg/kg wet								
Dibenzofuran	ND	41.7	ug/kg wet								
Diethyl phthalate	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	41.7	ug/kg wet								
Dimethyl phthalate	ND	0.0417	mg/kg wet								
Dimethyl phthalate	ND	41.7	ug/kg wet								
Di-n-butyl phthalate	ND	0.0417	mg/kg wet								
Di-n-butyl phthalate	ND	41.7	ug/kg wet								
Di-n-octyl phthalate	ND	0.0417	mg/kg wet								
Di-n-octyl phthalate	ND	41.7	ug/kg wet								
Fluoranthene	ND	0.0417	mg/kg wet								
Fluoranthene	ND	41.7	ug/kg wet								
Fluorene	ND	0.0417	mg/kg wet								
Fluorene	ND	41.7	ug/kg wet								
Hexachlorobenzene	ND	0.0417	mg/kg wet								
Hexachlorobenzene	ND	41.7	ug/kg wet								



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
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Batch BE71374 - EPA 3550C

Blank (BE71374-BLK1)

Prepared & Analyzed: 05/26/2017

Hexachlorobutadiene	ND	0.0417	mg/kg wet								
Hexachlorobutadiene	ND	41.7	ug/kg wet								
Hexachlorocyclopentadiene	ND	0.0417	mg/kg wet								
Hexachlorocyclopentadiene	ND	41.7	ug/kg wet								
Hexachloroethane	ND	0.0417	mg/kg wet								
Hexachloroethane	ND	41.7	ug/kg wet								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	mg/kg wet								
Isophorone	ND	41.7	ug/kg wet								
Isophorone	ND	0.0417	mg/kg wet								
Naphthalene	ND	41.7	ug/kg wet								
Naphthalene	ND	0.0417	mg/kg wet								
Nitrobenzene	ND	41.7	ug/kg wet								
Nitrobenzene	ND	0.0417	mg/kg wet								
N-Nitrosodimethylamine	ND	41.7	ug/kg wet								
N-Nitrosodimethylamine	ND	0.0417	mg/kg wet								
N-nitroso-di-n-propylamine	ND	41.7	ug/kg wet								
N-nitroso-di-n-propylamine	ND	0.0417	mg/kg wet								
N-Nitrosodiphenylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	41.7	ug/kg wet								
Pentachlorophenol	ND	0.0417	mg/kg wet								
Phenanthrene	ND	41.7	ug/kg wet								
Phenanthrene	ND	0.0417	mg/kg wet								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyrene	ND	41.7	ug/kg wet								
Pyridine	ND	167	"								
Surrogate: 2-Fluorophenol	1.47		mg/kg wet	2.60		56.4	20-108				
Surrogate: Phenol-d5	1.46		"	2.56		56.9	23-114				
Surrogate: Nitrobenzene-d5	1130		ug/kg wet	1910		59.3	22-108				
Surrogate: Nitrobenzene-d5	1.13		mg/kg wet	1.91		59.3	22-108				
Surrogate: 2-Fluorobiphenyl	0.981		"	1.71		57.5	21-113				
Surrogate: 2-Fluorobiphenyl	981		ug/kg wet	1710		57.5	21-113				
Surrogate: 2,4,6-Tribromophenol	1.44		mg/kg wet	2.61		55.3	19-110				
Surrogate: Terphenyl-d14	0.817		"	1.67		48.8	24-116				
Surrogate: Terphenyl-d14	817		ug/kg wet	1670		48.8	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit			Result					RPD	Limit
Batch BE71374 - EPA 3550C											
LCS (BE71374-BS1)											
Prepared & Analyzed: 05/26/2017											
1,1-Biphenyl	0.536	0.0417	mg/kg wet	0.833		64.3		22-103			
1,2,4,5-Tetrachlorobenzene	0.525	0.0833	"	0.833		63.0		10-144			
1,2,4-Trichlorobenzene	0.506	0.0417	"	0.833		60.8		23-130			
1,2,4-Trichlorobenzene	506	41.7	ug/kg wet	833		60.8		23-130			
1,2-Dichlorobenzene	0.484	0.0417	mg/kg wet	0.833		58.1		26-113			
1,2-Dichlorobenzene	484	41.7	ug/kg wet	833		58.1		26-113			
1,2-Diphenylhydrazine (as Azobenzene)	0.506	0.0417	mg/kg wet	0.833		60.7		10-140			
1,3-Dichlorobenzene	0.455	0.0417	"	0.833		54.6		32-113			
1,3-Dichlorobenzene	455	41.7	ug/kg wet	833		54.6		32-113			
1,4-Dichlorobenzene	0.459	0.0417	mg/kg wet	0.833		55.1		28-111			
1,4-Dichlorobenzene	459	41.7	ug/kg wet	833		55.1		28-111			
2,3,4,6-Tetrachlorophenol	0.480	0.0833	mg/kg wet	0.833		57.6		30-130			
2,4,5-Trichlorophenol	0.533	0.0417	"	0.833		64.0		14-138			
2,4,6-Trichlorophenol	0.578	0.0417	"	0.833		69.4		27-122			
2,4-Dichlorophenol	0.532	0.0417	"	0.833		63.8		23-133			
2,4-Dimethylphenol	0.544	0.0417	"	0.833		65.3		15-131			
2,4-Dinitrophenol	0.315	0.0833	"	0.833		37.8		10-149			
2,4-Dinitrotoluene	0.554	0.0417	"	0.833		66.5		30-123			
2,4-Dinitrotoluene	554	41.7	ug/kg wet	833		66.5		30-123			
2,6-Dinitrotoluene	0.557	0.0417	mg/kg wet	0.833		66.8		30-125			
2,6-Dinitrotoluene	557	41.7	ug/kg wet	833		66.8		30-125			
2-Chloronaphthalene	0.497	0.0417	mg/kg wet	0.833		59.7		22-115			
2-Chloronaphthalene	497	41.7	ug/kg wet	833		59.7		22-115			
2-Chlorophenol	0.506	0.0417	mg/kg wet	0.833		60.8		25-121			
2-Methylnaphthalene	0.596	0.0417	"	0.833		71.5		16-127			
2-Methylnaphthalene	596	41.7	ug/kg wet	833		71.5		16-127			
2-Methylphenol	0.509	0.0417	mg/kg wet	0.833		61.1		10-146			
2-Nitroaniline	0.557	0.0833	"	0.833		66.8		24-126			
2-Nitrophenol	0.516	0.0417	"	0.833		62.0		17-129			
3- & 4-Methylphenols	0.451	0.0417	"	0.833		54.1		20-109			
3,3-Dichlorobenzidine	0.633	0.0417	"	0.833		76.0		10-147			
3,3-Dichlorobenzidine	633	41.7	ug/kg wet	833		76.0		10-147			
3-Nitroaniline	0.558	0.0833	mg/kg wet	0.833		67.0		23-123			
3-Nitroaniline	558	83.3	ug/kg wet	833		67.0		23-123			
4,6-Dinitro-2-methylphenol	0.476	0.0833	mg/kg wet	0.833		57.2		10-149			
4-Bromophenyl phenyl ether	0.572	0.0417	"	0.833		68.6		30-138			
4-Bromophenyl phenyl ether	572	41.7	ug/kg wet	833		68.6		30-138			
4-Chloro-3-methylphenol	0.604	0.0417	mg/kg wet	0.833		72.5		16-138			
4-Chloroaniline	0.459	0.0417	"	0.833		55.1		10-117			
4-Chloroaniline	459	41.7	ug/kg wet	833		55.1		10-117			
4-Chlorophenyl phenyl ether	0.565	0.0417	mg/kg wet	0.833		67.8		18-132			
4-Chlorophenyl phenyl ether	565	41.7	ug/kg wet	833		67.8		18-132			
4-Nitroaniline	0.652	0.0833	mg/kg wet	0.833		78.2		14-125			
4-Nitroaniline	652	83.3	ug/kg wet	833		78.2		14-125			
4-Nitrophenol	0.530	0.0833	mg/kg wet	0.833		63.6		10-136			
Acenaphthene	0.563	0.0417	"	0.833		67.6		17-124			
Acenaphthene	563	41.7	ug/kg wet	833		67.6		17-124			
Acenaphthylene	0.540	0.0417	mg/kg wet	0.833		64.8		16-124			
Acenaphthylene	540	41.7	ug/kg wet	833		64.8		16-124			
Acetophenone	0.516	0.0417	mg/kg wet	0.833		61.9		28-105			
Aniline	0.506	0.167	"	0.833		60.8		10-111			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD	
		Limit	Units							Limit	Flag
Batch BE71374 - EPA 3550C											
LCS (BE71374-BS1)											
Prepared & Analyzed: 05/26/2017											
Aniline	506	167	ug/kg wet	833		60.8	10-111				
Anthracene	0.601	0.0417	mg/kg wet	0.833		72.1	24-124				
Anthracene	601	41.7	ug/kg wet	833		72.1	24-124				
Atrazine	0.550	0.0417	mg/kg wet	0.833		66.0	22-120				
Benzaldehyde	0.505	0.0417	"	0.833		60.6	21-100				
Benzo(a)anthracene	0.561	0.0417	"	0.833		67.3	25-134				
Benzo(a)anthracene	561	41.7	ug/kg wet	833		67.3	25-134				
Benzo(a)pyrene	0.502	0.0417	mg/kg wet	0.833		60.3	29-144				
Benzo(a)pyrene	502	41.7	ug/kg wet	833		60.3	29-144				
Benzo(b)fluoranthene	526	41.7	"	833		63.1	20-151				
Benzo(b)fluoranthene	0.526	0.0417	mg/kg wet	0.833		63.1	20-151				
Benzo(g,h,i)perylene	557	41.7	ug/kg wet	833		66.9	10-153				
Benzo(g,h,i)perylene	0.557	0.0417	mg/kg wet	0.833		66.9	10-153				
Benzo(k)fluoranthene	530	41.7	ug/kg wet	833		63.6	10-148				
Benzo(k)fluoranthene	0.530	0.0417	mg/kg wet	0.833		63.6	10-148				
Benzoic acid	0.241	0.0417	"	0.833		29.0	10-116				
Benzyl alcohol	0.508	0.0417	"	0.833		61.0	17-128				
Benzyl butyl phthalate	0.581	0.0417	"	0.833		69.8	10-132				
Benzyl butyl phthalate	581	41.7	ug/kg wet	833		69.8	10-132				
Bis(2-chloroethoxy)methane	635	41.7	"	833		76.2	10-129				
Bis(2-chloroethoxy)methane	0.635	0.0417	mg/kg wet	0.833		76.2	10-129				
Bis(2-chloroethyl)ether	539	41.7	ug/kg wet	833		64.6	14-125				
Bis(2-chloroethyl)ether	0.539	0.0417	mg/kg wet	0.833		64.6	14-125				
Bis(2-chloroisopropyl)ether	658	41.7	ug/kg wet	833		79.0	14-122				
Bis(2-chloroisopropyl)ether	0.658	0.0417	mg/kg wet	0.833		79.0	14-122				
Bis(2-ethylhexyl)phthalate	590	41.7	ug/kg wet	833		70.8	10-141				
Bis(2-ethylhexyl)phthalate	0.590	0.0417	mg/kg wet	0.833		70.8	10-141				
Caprolactam	0.646	0.0833	"	0.833		77.6	10-123				
Carbazole	698	41.7	ug/kg wet	833		83.7	31-120				
Carbazole	0.698	0.0417	mg/kg wet	0.833		83.7	31-120				
Chrysene	579	41.7	ug/kg wet	833		69.5	24-116				
Chrysene	0.579	0.0417	mg/kg wet	0.833		69.5	24-116				
Dibenzo(a,h)anthracene	537	41.7	ug/kg wet	833		64.5	17-147				
Dibenzo(a,h)anthracene	0.537	0.0417	mg/kg wet	0.833		64.5	17-147				
Dibenzofuran	573	41.7	ug/kg wet	833		68.8	23-123				
Dibenzofuran	0.573	0.0417	mg/kg wet	0.833		68.8	23-123				
Diethyl phthalate	574	41.7	ug/kg wet	833		68.9	23-122				
Diethyl phthalate	0.574	0.0417	mg/kg wet	0.833		68.9	23-122				
Dimethyl phthalate	579	41.7	ug/kg wet	833		69.5	28-127				
Dimethyl phthalate	0.579	0.0417	mg/kg wet	0.833		69.5	28-127				
Di-n-butyl phthalate	571	41.7	ug/kg wet	833		68.6	19-123				
Di-n-butyl phthalate	0.571	0.0417	mg/kg wet	0.833		68.6	19-123				
Di-n-octyl phthalate	564	41.7	ug/kg wet	833		67.7	10-132				
Di-n-octyl phthalate	0.564	0.0417	mg/kg wet	0.833		67.7	10-132				
Fluoranthene	602	41.7	ug/kg wet	833		72.3	36-125				
Fluoranthene	0.602	0.0417	mg/kg wet	0.833		72.3	36-125				
Fluorene	589	41.7	ug/kg wet	833		70.6	16-130				
Fluorene	0.589	0.0417	mg/kg wet	0.833		70.6	16-130				
Hexachlorobenzene	533	41.7	ug/kg wet	833		63.9	10-129				
Hexachlorobenzene	0.533	0.0417	mg/kg wet	0.833		63.9	10-129				
Hexachlorobutadiene	505	41.7	ug/kg wet	833		60.6	22-153				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD	
		Limit	Units							Limit	Flag

Batch BE71374 - EPA 3550C

LCS (BE71374-BS1)

Prepared & Analyzed: 05/26/2017

Hexachlorobutadiene	0.505	0.0417	mg/kg wet	0.833		60.6	22-153				
Hexachlorocyclopentadiene	443	41.7	ug/kg wet	833		53.2	10-134				
Hexachlorocyclopentadiene	0.443	0.0417	mg/kg wet	0.833		53.2	10-134				
Hexachloroethane	472	41.7	ug/kg wet	833		56.6	20-112				
Hexachloroethane	0.472	0.0417	mg/kg wet	0.833		56.6	20-112				
Indeno(1,2,3-cd)pyrene	0.541	0.0417	"	0.833		65.0	10-155				
Indeno(1,2,3-cd)pyrene	541	41.7	ug/kg wet	833		65.0	10-155				
Isophorone	0.587	0.0417	mg/kg wet	0.833		70.5	14-131				
Isophorone	587	41.7	ug/kg wet	833		70.5	14-131				
Naphthalene	546	41.7	"	833		65.6	20-121				
Naphthalene	0.546	0.0417	mg/kg wet	0.833		65.6	20-121				
Nitrobenzene	505	41.7	ug/kg wet	833		60.6	20-121				
Nitrobenzene	0.505	0.0417	mg/kg wet	0.833		60.6	20-121				
N-Nitrosodimethylamine	464	41.7	ug/kg wet	833		55.7	10-124				
N-Nitrosodimethylamine	0.464	0.0417	mg/kg wet	0.833		55.7	10-124				
N-nitroso-di-n-propylamine	0.560	0.0417	"	0.833		67.2	21-119				
N-nitroso-di-n-propylamine	560	41.7	ug/kg wet	833		67.2	21-119				
N-Nitrosodiphenylamine	0.695	0.0417	mg/kg wet	0.833		83.4	10-163				
N-Nitrosodiphenylamine	695	41.7	ug/kg wet	833		83.4	10-163				
Pentachlorophenol	0.377	0.0417	mg/kg wet	0.833		45.2	10-143				
Phenanthrene	638	41.7	ug/kg wet	833		76.6	24-123				
Phenanthrene	0.638	0.0417	mg/kg wet	0.833		76.6	24-123				
Phenol	0.557	0.0417	"	0.833		66.8	15-123				
Pyrene	0.635	0.0417	"	0.833		76.2	24-132				
Pyrene	635	41.7	ug/kg wet	833		76.2	24-132				
Pyridine	447	167	"	833		53.6	10-92				
Surrogate: 2-Fluorophenol	1.29		mg/kg wet	2.60		49.7	20-108				
Surrogate: Phenol-d5	1.44		"	2.56		56.4	23-114				
Surrogate: Nitrobenzene-d5	1020		ug/kg wet	1910		53.3	22-108				
Surrogate: Nitrobenzene-d5	1.02		mg/kg wet	1.91		53.3	22-108				
Surrogate: 2-Fluorobiphenyl	0.892		"	1.71		52.2	21-113				
Surrogate: 2-Fluorobiphenyl	892		ug/kg wet	1710		52.2	21-113				
Surrogate: 2,4,6-Tribromophenol	1.63		mg/kg wet	2.61		62.6	19-110				
Surrogate: Terphenyl-d14	0.779		"	1.67		46.6	24-116				
Surrogate: Terphenyl-d14	779		ug/kg wet	1670		46.6	24-116				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					Limit	

Batch BE71141 - EPA SW846-3510C Low Level

Blank (BE71141-BLK1)

Prepared: 05/23/2017 Analyzed: 05/24/2017

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								

Surrogate: Decachlorobiphenyl

0.0856

"

0.200

42.8

30-150

Surrogate: Tetrachloro-m-xylene

0.112

"

0.200

56.2

30-150

LCS (BE71141-BS1)

Prepared: 05/23/2017 Analyzed: 05/24/2017

4,4'-DDD	0.0801	0.00400	ug/L	0.100		80.1	40-140
4,4'-DDE	0.0848	0.00400	"	0.100		84.8	40-140
4,4'-DDT	0.0786	0.00400	"	0.100		78.6	40-140
Aldrin	0.0723	0.00400	"	0.100		72.3	40-140
alpha-BHC	0.0830	0.00400	"	0.100		83.0	40-140
alpha-Chlordane	0.0668	0.00400	"	0.100		66.8	40-140
beta-BHC	0.0699	0.00400	"	0.100		69.9	40-140
delta-BHC	0.0806	0.00400	"	0.100		80.6	40-140
Dieldrin	0.0702	0.00200	"	0.100		70.2	40-140
Endosulfan I	0.0666	0.00400	"	0.100		66.6	40-140
Endosulfan II	0.0682	0.00400	"	0.100		68.2	40-140
Endosulfan sulfate	0.0690	0.00400	"	0.100		69.0	40-140
Endrin	0.0742	0.00400	"	0.100		74.2	40-140
Endrin aldehyde	0.0642	0.0100	"	0.100		64.2	40-140
Endrin ketone	0.0711	0.0100	"	0.100		71.1	40-140
gamma-BHC (Lindane)	0.0773	0.00400	"	0.100		77.3	40-140
gamma-Chlordane	0.0662	0.0100	"	0.100		66.2	40-140
Heptachlor	0.0651	0.00400	"	0.100		65.1	40-140
Heptachlor epoxide	0.0660	0.00400	"	0.100		66.0	40-140
Methoxychlor	0.0798	0.00400	"	0.100		79.8	40-140

Surrogate: Decachlorobiphenyl

0.111

"

0.200

55.6

30-150

Surrogate: Tetrachloro-m-xylene

0.127

"

0.200

63.6

30-150



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE71141 - EPA SW846-3510C Low Level

LCS Dup (BE71141-BSD1)

Prepared: 05/23/2017 Analyzed: 05/24/2017

4,4'-DDD	0.0812	0.00400	ug/L	0.100		81.2	40-140		1.31	20	
4,4'-DDE	0.0834	0.00400	"	0.100		83.4	40-140		1.68	20	
4,4'-DDT	0.0761	0.00400	"	0.100		76.1	40-140		3.16	20	
Aldrin	0.0740	0.00400	"	0.100		74.0	40-140		2.36	20	
alpha-BHC	0.0823	0.00400	"	0.100		82.3	40-140		0.817	20	
alpha-Chlordane	0.0684	0.00400	"	0.100		68.4	40-140		2.39	20	
beta-BHC	0.0698	0.00400	"	0.100		69.8	40-140		0.245	20	
delta-BHC	0.0804	0.00400	"	0.100		80.4	40-140		0.297	20	
Dieldrin	0.0716	0.00200	"	0.100		71.6	40-140		1.98	20	
Endosulfan I	0.0679	0.00400	"	0.100		67.9	40-140		2.02	20	
Endosulfan II	0.0697	0.00400	"	0.100		69.7	40-140		2.17	20	
Endosulfan sulfate	0.0692	0.00400	"	0.100		69.2	40-140		0.334	20	
Endrin	0.0759	0.00400	"	0.100		75.9	40-140		2.35	20	
Endrin aldehyde	0.0684	0.0100	"	0.100		68.4	40-140		6.24	20	
Endrin ketone	0.0718	0.0100	"	0.100		71.8	40-140		0.992	20	
gamma-BHC (Lindane)	0.0772	0.00400	"	0.100		77.2	40-140		0.0518	20	
gamma-Chlordane	0.0681	0.0100	"	0.100		68.1	40-140		2.75	20	
Heptachlor	0.0665	0.00400	"	0.100		66.5	40-140		2.25	20	
Heptachlor epoxide	0.0677	0.00400	"	0.100		67.7	40-140		2.51	20	
Methoxychlor	0.0772	0.00400	"	0.100		77.2	40-140		3.23	20	
Surrogate: Decachlorobiphenyl	0.111		"	0.200		55.6	30-150				
Surrogate: Tetrachloro-m-xylene	0.125		"	0.200		62.5	30-150				

Batch BE71150 - EPA 3550C

Blank (BE71150-BLK1)

Prepared & Analyzed: 05/23/2017

4,4'-DDD	ND	0.330	ug/kg wet								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Aldrin	ND	0.330	"								
alpha-BHC	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
beta-BHC	ND	0.330	"								
Chlordane, total	ND	6.60	"								
delta-BHC	ND	0.330	"								
Dieldrin	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endrin	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin ketone	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								
Surrogate: Decachlorobiphenyl	37.4		"	66.7		56.1	30-150				
Surrogate: Tetrachloro-m-xylene	38.5		"	66.7		57.8	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BE71150 - EPA 3550C

LCS (BE71150-BS1)

Prepared & Analyzed: 05/23/2017

4,4'-DDD	33.4	0.330	ug/kg wet	33.3		100	40-140						
4,4'-DDE	33.4	0.330	"	33.3		100	40-140						
4,4'-DDT	29.9	0.330	"	33.3		89.7	40-140						
Aldrin	25.1	0.330	"	33.3		75.2	40-140						
alpha-BHC	25.8	0.330	"	33.3		77.5	40-140						
alpha-Chlordane	22.3	0.330	"	33.3		66.9	40-140						
beta-BHC	23.9	0.330	"	33.3		71.7	40-140						
delta-BHC	26.5	0.330	"	33.3		79.5	40-140						
Dieldrin	20.9	0.330	"	33.3		62.7	40-140						
Endosulfan I	23.1	0.330	"	33.3		69.4	40-140						
Endosulfan II	22.2	0.330	"	33.3		66.6	40-140						
Endosulfan sulfate	21.9	0.330	"	33.3		65.7	40-140						
Endrin	25.9	0.330	"	33.3		77.6	40-140						
Endrin aldehyde	23.0	0.330	"	33.3		69.1	40-140						
Endrin ketone	32.7	0.330	"	33.3		98.2	40-140						
gamma-BHC (Lindane)	25.0	0.330	"	33.3		75.0	40-140						
gamma-Chlordane	21.1	0.330	"	33.3		63.4	40-140						
Heptachlor	23.3	0.330	"	33.3		69.9	40-140						
Heptachlor epoxide	22.3	0.330	"	33.3		66.9	40-140						
Methoxychlor	31.0	1.65	"	33.3		93.1	40-140						
<i>Surrogate: Decachlorobiphenyl</i>	<i>41.9</i>		<i>"</i>	<i>66.7</i>		<i>62.9</i>	<i>30-150</i>						
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>42.6</i>		<i>"</i>	<i>66.7</i>		<i>63.9</i>	<i>30-150</i>						

Batch BE71375 - EPA 3550C

Blank (BE71375-BLK1)

Prepared & Analyzed: 05/26/2017

4,4'-DDD	ND	0.330	ug/kg wet										
4,4'-DDE	ND	0.330	"										
4,4'-DDT	ND	0.330	"										
Aldrin	ND	0.330	"										
alpha-BHC	ND	0.330	"										
alpha-Chlordane	ND	0.330	"										
beta-BHC	ND	0.330	"										
Chlordane, total	ND	6.60	"										
delta-BHC	ND	0.330	"										
Dieldrin	ND	0.330	"										
Endosulfan I	ND	0.330	"										
Endosulfan II	ND	0.330	"										
Endosulfan sulfate	ND	0.330	"										
Endrin	ND	0.330	"										
Endrin aldehyde	ND	0.330	"										
Endrin ketone	ND	0.330	"										
gamma-BHC (Lindane)	ND	0.330	"										
gamma-Chlordane	ND	0.330	"										
Heptachlor	ND	0.330	"										
Heptachlor epoxide	ND	0.330	"										
Methoxychlor	ND	1.65	"										
Toxaphene	ND	16.7	"										
<i>Surrogate: Decachlorobiphenyl</i>	<i>36.1</i>		<i>"</i>	<i>66.7</i>		<i>54.2</i>	<i>30-150</i>						
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>39.0</i>		<i>"</i>	<i>66.7</i>		<i>58.5</i>	<i>30-150</i>						



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BE71375 - EPA 3550C

LCS (BE71375-BS1)

Prepared & Analyzed: 05/26/2017

4,4'-DDD	27.5	0.330	ug/kg wet	33.3		82.6	40-140						
4,4'-DDE	26.5	0.330	"	33.3		79.4	40-140						
4,4'-DDT	26.9	0.330	"	33.3		80.6	40-140						
Aldrin	25.0	0.330	"	33.3		74.9	40-140						
alpha-BHC	27.4	0.330	"	33.3		82.3	40-140						
alpha-Chlordane	23.2	0.330	"	33.3		69.6	40-140						
beta-BHC	23.1	0.330	"	33.3		69.3	40-140						
delta-BHC	25.8	0.330	"	33.3		77.5	40-140						
Dieldrin	24.6	0.330	"	33.3		73.9	40-140						
Endosulfan I	24.0	0.330	"	33.3		72.0	40-140						
Endosulfan II	24.4	0.330	"	33.3		73.3	40-140						
Endosulfan sulfate	25.0	0.330	"	33.3		75.0	40-140						
Endrin	25.4	0.330	"	33.3		76.1	40-140						
Endrin aldehyde	23.4	0.330	"	33.3		70.1	40-140						
Endrin ketone	26.0	0.330	"	33.3		77.9	40-140						
gamma-BHC (Lindane)	25.8	0.330	"	33.3		77.4	40-140						
gamma-Chlordane	23.1	0.330	"	33.3		69.3	40-140						
Heptachlor	22.4	0.330	"	33.3		67.3	40-140						
Heptachlor epoxide	22.8	0.330	"	33.3		68.3	40-140						
Methoxychlor	26.0	1.65	"	33.3		78.1	40-140						
<i>Surrogate: Decachlorobiphenyl</i>	38.6		"	66.7		58.0	30-150						
<i>Surrogate: Tetrachloro-m-xylene</i>	41.8		"	66.7		62.7	30-150						

Batch Y7E2408 - BB70285

Performance Mix (Y7E2408-PEM1)

Prepared & Analyzed: 05/23/2017

4,4'-DDD	0.00		ng/mL	0.00			0-200						
4,4'-DDE	1.01		"	0.00			0-200						
4,4'-DDT	154		"	200		76.8	0-200						
Endrin	87.6		"	100		87.6	0-200						
Endrin aldehyde	1.27		"	0.00			0-200						
Endrin ketone	3.02		"	0.00			0-200						



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch Y7E2408 - BB70285

Performance Mix (Y7E2408-PEM2)

Prepared & Analyzed: 05/23/2017

4,4'-DDD	0.00		ng/mL	0.00				0-200					
4,4'-DDE	0.811		"	0.00				0-200					
4,4'-DDT	187		"	200		93.3		0-200					
Endrin	105		"	100		105		0-200					
Endrin aldehyde	0.896		"	0.00				0-200					
Endrin ketone	2.70		"	0.00				0-200					

Batch Y7E2502 - BB70285

Performance Mix (Y7E2502-PEM1)

Prepared & Analyzed: 05/24/2017

4,4'-DDD	0.00		ng/mL	0.00				0-200					
4,4'-DDE	1.09		"	0.00				0-200					
4,4'-DDT	173		"	200		86.6		0-200					
Endrin	104		"	100		104		0-200					
Endrin aldehyde	1.53		"	0.00				0-200					
Endrin ketone	3.40		"	0.00				0-200					

Performance Mix (Y7E2502-PEM2)

Prepared & Analyzed: 05/24/2017

4,4'-DDD	0.00		ng/mL	0.00				0-200					
4,4'-DDE	0.888		"	0.00				0-200					
4,4'-DDT	154		"	200		77.2		0-200					
Endrin	90.2		"	100		90.2		0-200					
Endrin aldehyde	1.08		"	0.00				0-200					
Endrin ketone	3.20		"	0.00				0-200					



Polychlorinated Biphenyls by GC/ECD - 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 BE71141 - EPA SW846-3510C Low Level											
Blank (BE71141-BLK2)										Prepared & Analyzed: 05/23/2017	
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	0.115		"	0.200		57.5	30-120				
<i>Surrogate: Decachlorobiphenyl</i>	0.116		"	0.200		58.0	30-120				
LCS (BE71141-BS2)										Prepared & Analyzed: 05/23/2017	
Aroclor 1016	0.808	0.0500	ug/L	1.00		80.8	40-120				
Aroclor 1260	0.880	0.0500	"	1.00		88.0	40-120				
<i>Surrogate: Tetrachloro-m-xylene</i>	0.129		"	0.200		64.5	30-120				
<i>Surrogate: Decachlorobiphenyl</i>	0.0860		"	0.200		43.0	30-120				
LCS Dup (BE71141-BSD2)										Prepared & Analyzed: 05/23/2017	
Aroclor 1016	0.829	0.0500	ug/L	1.00		82.9	40-120	2.54	30		
Aroclor 1260	0.842	0.0500	"	1.00		84.2	40-120	4.42	30		
<i>Surrogate: Tetrachloro-m-xylene</i>	0.132		"	0.200		66.0	30-120				
<i>Surrogate: Decachlorobiphenyl</i>	0.0830		"	0.200		41.5	30-120				
Batch BE71150 - EPA 3550C											
Blank (BE71150-BLK2)										Prepared & Analyzed: 05/23/2017	
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0397		"	0.0667		59.5	30-140				
<i>Surrogate: Decachlorobiphenyl</i>	0.0393		"	0.0667		59.0	30-140				



Polychlorinated Biphenyls by GC/ECD - 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 BE71150 - EPA 3550C											
LCS (BE71150-BS2)						Prepared & Analyzed: 05/23/2017					
Aroclor 1016	0.322	0.0167	mg/kg wet	0.333		96.5	40-130				
Aroclor 1260	0.318	0.0167	"	0.333		95.4	40-130				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0430</i>		"	<i>0.0667</i>		<i>64.5</i>	<i>30-140</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0443</i>		"	<i>0.0667</i>		<i>66.5</i>	<i>30-140</i>				
Batch BE71375 - EPA 3550C											
Blank (BE71375-BLK2)						Prepared & Analyzed: 05/26/2017					
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0440</i>		"	<i>0.0667</i>		<i>66.0</i>	<i>30-140</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0440</i>		"	<i>0.0667</i>		<i>66.0</i>	<i>30-140</i>				
LCS (BE71375-BS2)						Prepared & Analyzed: 05/26/2017					
Aroclor 1016	0.246	0.0167	mg/kg wet	0.333		73.7	40-130				
Aroclor 1260	0.249	0.0167	"	0.333		74.7	40-130				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0443</i>		"	<i>0.0667</i>		<i>66.5</i>	<i>30-140</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0473</i>		"	<i>0.0667</i>		<i>71.0</i>	<i>30-140</i>				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit								Limit			

Batch BE71347 - EPA 3015A

Blank (BE71347-BLK1)

Prepared & Analyzed: 05/25/2017

Aluminum	ND	0.0500	mg/L										
Barium	ND	0.0100	"										
Calcium	ND	0.0500	"										
Chromium	ND	0.00500	"										
Copper	ND	0.00300	"										
Iron	ND	0.0200	"										
Lead	ND	0.00300	"										
Magnesium	ND	0.0500	"										
Manganese	ND	0.00500	"										
Nickel	ND	0.00500	"										
Potassium	ND	0.0500	"										
Silver	ND	0.00500	"										
Sodium	ND	0.100	"										
Vanadium	ND	0.0100	"										
Zinc	ND	0.0100	"										

Reference (BE71347-SRM1)

Prepared & Analyzed: 05/25/2017

Aluminum	0.993		ug/mL	0.889		112	81.4-117.2
Barium	0.532		"	0.570		93.4	85-115
Calcium	122		"	126		97.0	86.5-114.3
Chromium	0.241		"	0.260		92.6	85-115
Copper	0.404		"	0.420		96.2	85-115
Iron	0.674		"	0.759		88.9	84.9-115
Lead	0.130		"	0.140		92.6	85-115
Magnesium	107		"	115		92.8	86.3-114.8
Manganese	0.775		"	0.819		94.6	84.9-115
Nickel	0.491		"	0.510		96.3	87-113.7
Potassium	73.8		"	65.3		113	84.9-115
Silver	0.451		"	0.510		88.4	85-115
Sodium	162		"	161		100	85-115
Vanadium	0.845		"	0.909		92.9	85-114.9
Zinc	0.619		"	0.679		91.2	84.9-115



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	
		Limit								Limit	Flag

Batch BE71348 - EPA 3050B

Blank (BE71348-BLK1)

Prepared: 05/25/2017 Analyzed: 05/26/2017

Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.300	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	5.86	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	159	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								

Reference (BE71348-SRM1)

Prepared: 05/25/2017 Analyzed: 05/27/2017

Aluminum	5860	5.00	mg/kg wet	8080	72.5	39.6-160.89					
Antimony	63.8	0.500	"	88.2	72.3	19.6-259.6					
Arsenic	53.6	1.00	"	57.0	94.1	67-161.9					
Barium	91.5	1.00	"	110	83.2	72-129.1					
Beryllium	63.7	0.100	"	67.5	94.4	73.8-126.4					
Cadmium	63.8	0.300	"	77.8	81.9	73.3-126.7					
Calcium	4930	5.00	"	6450	76.4	73.9-126.9					
Chromium	53.4	0.500	"	65.0	82.2	68.2-132					
Cobalt	53.9	0.500	"	58.8	91.6	74.3-125.7					
Copper	60.2	0.500	"	56.4	107	72.5-131.4					
Iron	10700	2.00	"	14700	73.0	36.4-163.9					
Lead	69.9	0.300	"	85.6	81.6	69.7-130.8					
Magnesium	1970	5.00	"	2710	72.5	64.6-135.1					
Manganese	248	0.500	"	273	91.0	73.9-126					
Nickel	62.8	0.500	"	61.3	102	70.3-129.7					
Potassium	2040	5.00	"	2420	84.3	60.3-140.1					
Selenium	78.9	1.00	"	78.9	100	63.2-136.9					
Silver	4.21	0.500	"	54.2	7.76	66.8-133.4	Low Bias				
Sodium	938	10.0	"	914	103	59.2-141.1					
Thallium	170	1.00	"	178	95.4	68.5-130.9					
Vanadium	45.8	1.00	"	56.3	81.4	53.3-146.5					
Zinc	154	1.00	"	198	77.6	69.7-129.8					



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit								RPD	Limit

Batch BE71410 - EPA 3015A

Blank (BE71410-BLK1)

Prepared & Analyzed: 05/26/2017

Aluminum - Dissolved	ND	0.0500	mg/L
Barium - Dissolved	ND	0.0100	"
Calcium - Dissolved	0.463	0.0500	"
Chromium - Dissolved	ND	0.00500	"
Copper - Dissolved	ND	0.00300	"
Iron - Dissolved	ND	0.0200	"
Lead - Dissolved	ND	0.00300	"
Magnesium - Dissolved	ND	0.0500	"
Manganese - Dissolved	ND	0.00500	"
Nickel - Dissolved	ND	0.00500	"
Potassium - Dissolved	ND	0.0500	"
Silver - Dissolved	ND	0.00500	"
Sodium - Dissolved	0.160	0.100	"
Vanadium - Dissolved	ND	0.0100	"
Zinc - Dissolved	0.0267	0.0100	"

Reference (BE71410-SRM1)

Prepared & Analyzed: 05/26/2017

Aluminum - Dissolved	0.873		ug/mL	0.889	98.2	81.4-117.2	
Barium - Dissolved	0.549		"	0.570	96.3	85-115	
Calcium - Dissolved	118		"	126	93.6	86.5-114.3	
Chromium - Dissolved	0.251		"	0.260	96.6	85-115	
Copper - Dissolved	0.432		"	0.420	103	85-115	
Iron - Dissolved	0.634		"	0.759	83.5	84.9-115	Low Bias
Lead - Dissolved	0.131		"	0.140	93.9	85-115	
Magnesium - Dissolved	104		"	115	90.4	86.3-114.8	
Manganese - Dissolved	0.792		"	0.819	96.7	84.9-115	
Nickel - Dissolved	0.510		"	0.510	99.9	87-113.7	
Potassium - Dissolved	70.7		"	65.3	108	84.9-115	
Silver - Dissolved	0.465		"	0.510	91.1	85-115	
Sodium - Dissolved	149		"	161	92.7	85-115	
Vanadium - Dissolved	0.888		"	0.909	97.7	85-114.9	
Zinc - Dissolved	0.655		"	0.679	96.5	84.9-115	



Metals by ICP/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
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Batch BE71421 - EPA 3015A

Blank (BE71421-BLK1)

Prepared & Analyzed: 05/26/2017

Antimony	ND	1.00	ug/L								
Arsenic	ND	1.00	"								
Beryllium	ND	0.300	"								
Cadmium	ND	0.500	"								
Molybdenum	ND	1.00	"								
Selenium	ND	1.00	"								
Thallium	ND	1.00	"								

Duplicate (BE71421-DUP1)

*Source sample: 17E0901-03 (MW-4-20170522)

Prepared & Analyzed: 05/26/2017

Antimony	ND	2.22	ug/L		ND						20
Arsenic	ND	2.22	"		ND						20
Beryllium	ND	0.667	"		ND						20
Cadmium	ND	1.11	"		ND						20
Molybdenum	2.32	2.22	"		2.35				1.05		20
Selenium	2.25	2.22	"		2.25				0.283		20
Thallium	ND	2.22	"		ND						20

Matrix Spike (BE71421-MS1)

*Source sample: 17E0901-03 (MW-4-20170522)

Prepared & Analyzed: 05/26/2017

Antimony	219	2.22	ug/L	222	ND	98.4	75-125				
Arsenic	108	2.22	"	111	ND	96.8	75-125				
Beryllium	63.2	0.667	"	55.6	ND	114	75-125				
Cadmium	54.1	1.11	"	55.6	ND	97.4	75-125				
Molybdenum	116	2.22	"	111	2.35	102	75-125				
Selenium	55.9	2.22	"	55.6	2.25	96.6	75-125				
Thallium	54.4	2.22	"	55.6	ND	97.8	75-125				

Reference (BE71421-SRM1)

Prepared & Analyzed: 05/26/2017

Antimony	30.1	1.00	ug/L	29.1		103	70.1-129.8				
Arsenic	8.98	1.00	"	6.56		137	69.9-130	High Bias			
Beryllium	4.12	0.300	"	4.07		101	85-114.9				
Cadmium	27.3	0.500	"	26.7		102	80.1-119.8				
Molybdenum	49.8	1.00	"	50.4		98.9	84.9-115				
Selenium	46.6	1.00	"	43.8		106	79.9-120				
Thallium	3.99	1.00	"	4.08		97.8	70-129.9				



Metals by ICP/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result	Limits	Limit				

Batch BE71422 - EPA 3015A

Blank (BE71422-BLK1)

Prepared & Analyzed: 05/26/2017

Antimony - Dissolved	ND	1.00	ug/L								
Arsenic - Dissolved	ND	1.00	"								
Beryllium - Dissolved	ND	0.100	"								
Cadmium - Dissolved	ND	0.500	"								
Molybdenum - Dissolved	ND	1.00	"								
Selenium - Dissolved	ND	1.00	"								
Thallium - Dissolved	ND	1.00	"								

Duplicate (BE71422-DUP1)

*Source sample: 17E0901-03 (MW-4-20170522)

Prepared & Analyzed: 05/26/2017

Antimony - Dissolved	ND	2.22	ug/L		ND						20
Arsenic - Dissolved	ND	2.22	"		ND						20
Beryllium - Dissolved	ND	0.222	"		ND						20
Cadmium - Dissolved	ND	1.11	"		ND						20
Molybdenum - Dissolved	ND	2.22	"		ND						20
Selenium - Dissolved	4.50	2.22	"		ND						20
Thallium - Dissolved	ND	2.22	"		ND						20

Matrix Spike (BE71422-MS1)

*Source sample: 17E0901-03 (MW-4-20170522)

Prepared & Analyzed: 05/26/2017

Antimony - Dissolved	418	2.22	ug/L	222	ND	188	75-125	High Bias			
Arsenic - Dissolved	218	2.22	"	111	ND	196	75-125	High Bias			
Beryllium - Dissolved	127	0.222	"	55.6	ND	228	75-125	High Bias			
Cadmium - Dissolved	103	1.11	"	55.6	ND	185	75-125	High Bias			
Molybdenum - Dissolved	219	2.22	"	111	ND	197	75-125	High Bias			
Selenium - Dissolved	122	2.22	"	55.6	ND	220	75-125	High Bias			
Thallium - Dissolved	103	2.22	"	55.6	ND	186	75-125	High Bias			

Reference (BE71422-SRM1)

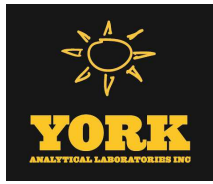
Prepared & Analyzed: 05/26/2017

Antimony - Dissolved	30.3	1.00	ug/L	29.1		104	70.1-129.8				
Arsenic - Dissolved	8.89	1.00	"	6.56		136	69.9-130	High Bias			
Beryllium - Dissolved	3.87	0.100	"	4.07		95.1	85-114.9				
Cadmium - Dissolved	27.0	0.500	"	26.7		101	80.1-119.8				
Molybdenum - Dissolved	49.8	1.00	"	50.4		98.9	84.9-115				
Selenium - Dissolved	46.1	1.00	"	43.8		105	79.9-120				
Thallium - Dissolved	3.92	1.00	"	4.08		96.1	70-129.9				



Mercury by EPA 7000/200 Series Methods - 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 BE71237 - EPA 7473 soil											
Blank (BE71237-BLK1)										Prepared & Analyzed: 05/24/2017	
Mercury	ND	0.0300	mg/kg wet								
Reference (BE71237-SRM1)										Prepared & Analyzed: 05/24/2017	
Mercury	14.802		mg/kg	13.8		107	51.4-168.8				
Batch BE71313 - EPA 7473 soil											
Blank (BE71313-BLK1)										Prepared & Analyzed: 05/25/2017	
Mercury	ND	0.0300	mg/kg wet								
Reference (BE71313-SRM1)										Prepared & Analyzed: 05/25/2017	
Mercury	15.048		mg/kg	13.8		109	51.4-168.8				
Batch BF70069 - EPA SW846-7470											
Blank (BF70069-BLK1)										Prepared & Analyzed: 06/01/2017	
Mercury - Dissolved	ND	0.0002000	mg/L								
Mercury	ND	0.0002	"								
LCS (BF70069-BS1)										Prepared & Analyzed: 06/01/2017	
Mercury	0.002170	0.0002	mg/L	0.00200		108	80-120				
Mercury - Dissolved	0.002170	0.0002000	"	0.00200		108	80-120				
LCS (BF70069-BS2)										Prepared & Analyzed: 06/01/2017	
Mercury - Dissolved	0.002045	0.0002000	mg/L	0.00200		102	80-120				
Mercury	0.002045	0.0002	"	0.00200		102	80-120				



Volatile Analysis Sample Containers

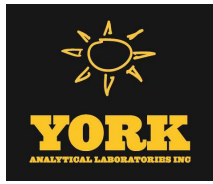
Lab ID	Client Sample ID	Volatile Sample Container
17E0901-01	SB-4 (4-5)-20170522	40mL Vial with Stir Bar-Cool 4° C
17E0901-02	SB-4 (8-9)-20170522	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
17E0901-03	MW-4-20170522	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17E0901-04	SB-11 (7-8)-20170522	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
17E0901-05	SB-9 (8-9)-20170522	40mL Vial with Stir Bar-Cool 4° C
17E0901-06	SB-3 (1-2)-20170522	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
17E0901-07	SB-3 (8-9)-20170522	40mL Vial with Stir Bar-Cool 4° C
17E0901-08	MW-3-20170522	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17E0901-09	SB-1 (1-2)-20170522	40mL Vial with Stir Bar-Cool 4° C
17E0901-10	SB-1 (8-9)-20170522	40mL Vial with Stir Bar-Cool 4° C
17E0901-11	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17E0901-12	SS-1-20170522	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C



Notes and Definitions

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-DUP	Duplicate analysis confirmed surrogate failure due to matrix effects.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
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.
M-HCSpk	Sample conc. >10 X spike conc.
M-CCVO	CCV Out. Samples bracketed by acceptable CCVs.
M-BCCB	Analyte in CCB > MDL. Sample conc. >10 X blank conc.
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.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
GC-SCu	This surrogate recovered below control limits due to extract clean-up required. The alternate surrogate, Decachlorobiphenyl is within control limits.
CCV-E	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.

*	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: Received additional sample not on COC (SS-1). Sample logged per Matt Levy for VOC, SVOC-BN and Metals.



York Analytical Laboratories, Inc.
 120 Research Drive
 Stratford, CT 06615
 clientservices@yorklab.com
 www.yorklab.com

Field Chain-of-Custody Record

YORK Project No.
 17E0901

NOTE: 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.

Page _____ of _____

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: AYRRE	Company: AYRRE	Company: AYRRE	Company: AYRRE	Company: AYRRE	Company: AYRRE	Company: AYRRE	Company: AYRRE	RUSH - Next Day	RUSH - Next Day
Address: 440 Park Ave S NY NY 10014	Address: Same	Address: Same	Address: Same	Address: Same	Address: Same	Address: Same	Address: Same	RUSH - Two Day	RUSH - Two Day
Phone: 212 410 5222	Phone: Same	Phone: Same	Phone: Same	Phone: Same	Phone: Same	Phone: Same	Phone: Same	RUSH - Three Day	RUSH - Three Day
Contact: M Levy	Contact: M Levy & JD Diggs	Contact: M Levy & JD Diggs	Contact: M Levy & JD Diggs	Contact: M Levy & JD Diggs	Contact: M Levy & JD Diggs	Contact: M Levy & JD Diggs	Contact: M Levy & JD Diggs	RUSH - Four Day	RUSH - Four Day
E-mail: mlevy@ayrre.com	E-mail: mlevy@ayrre.com	E-mail: mlevy@ayrre.com	E-mail: mlevy@ayrre.com	E-mail: mlevy@ayrre.com	E-mail: mlevy@ayrre.com	E-mail: mlevy@ayrre.com	E-mail: mlevy@ayrre.com	Standard (5-7 Day)	Standard (5-7 Day)

YOUR PROJECT INFORMATION		Report / EDD Type (circle selections)		YORK Reg. Comp.	
CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please list)	CT RCP DQA/DUE	Standard	Standard
NJDEP Reduced Deliverables	EQUS (Standard)		NJDEP SRP HazSite		
NJDKQP	Other:				

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-4 (4-5) - 20170522	S	5/22/17 0915	VOLs, SVOCs, Metals, PCBs, Pest.	
SB-4 (8-9) - 20170522	S	0932	VOLs, SVOCs, Metals, PCBs, Pest.	
MW-4 - 20170522	GW	1035	VOLs, SVOCs, Metals (Total + Dissolved), PCBs, Pest.	
SB-11 (7-8) - 20170522	S	1100	VOLs, SVOCs - BM, Metals	
SB-9 (8-9) - 20170522	S	1145	VOLs, SVOCs, -BU, Metals	
SB-3 (1-2) - 20170522	S	1230	VOLs, SVOCs, Metals, PCBs, Pest.	
SB-3 (8-9) - 20170522	S	1240	VOLs, SVOCs, Metals, PCBs, Pest.	
MW-3 - 20170522	GW	1330	VOLs, SVOCs, Metals (Total + Dissolved), PCBs, Pest.	
SB-1 (1-2) - 20170522	S	1450	VOLs, SVOCs, Metals (Total + Dissolved), PCBs, Pest.	
SB-1 (8-9) - 20170522	S	1500	VOLs, SVOCs, Metals (Total + Dissolved), PCBs, Pest.	

Comments:

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

Date/Time: 5/22/17 1520

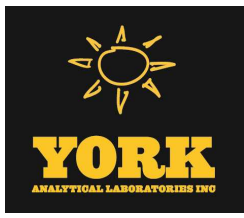
Samples Requisitioned by: **AYRRE** Date/Time: 5/22/17 1520

Samples Received by: **AYRRE** Date/Time: 5/22/17 1520

Samples Requisitioned by: **AYRRE** Date/Time: 5/22/17 1520

Samples Received by: **AYRRE** Date/Time: 5/22/17 1520

Temp. Received at Lab: 21.6 Degrees C



Technical Report

prepared for:

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York NY, 10016
Attention: Patrick Diggins

Report Date: 05/26/2017
Client Project ID: 170178 38-21 12th St
York Project (SDG) No.: 17E0905

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
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STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 05/26/2017
Client Project ID: 170178 38-21 12th St
York Project (SDG) No.: 17E0905

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York NY, 10016
Attention: Patrick Diggins

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 May 22, 2017 and listed below. The project was identified as your project: **170178 38-21 12th St.**

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 Notes 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 attachment to 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17E0905-01	AA-1-20170522	Indoor Ambient Air	05/22/2017	05/22/2017
17E0905-02	SV-4-20170522	Soil Vapor	05/22/2017	05/22/2017
17E0905-03	SV-3-20170522	Soil Vapor	05/22/2017	05/22/2017

General Notes for York Project (SDG) No.: 17E0905

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
9. 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:



Benjamin Gulizia
Laboratory Director

Date: 05/26/2017





Sample Information

Client Sample ID: AA-1-20170522

York Sample ID: 17E0905-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
17E0905	170178 38-21 12th St	Indoor Ambient Air	May 22, 2017 3:00 pm	05/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.69	1	EPA TO-15 Certifications:	05/25/2017 03:00	05/25/2017 03:00	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.55	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.69	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.77	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.55	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.40	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.40	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.74	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
95-63-6	1,2,4-Trimethylbenzene	0.69		ug/m ³	0.49	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.77	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.60	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.40	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.46	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.70	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.49	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.66	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.60	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.46	1	EPA TO-15 Certifications:	05/25/2017 03:00	05/25/2017 03:00	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.60	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.72	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
78-93-3	2-Butanone	2.0		ug/m ³	0.29	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.82	1	EPA TO-15 Certifications:	05/25/2017 03:00	05/25/2017 03:00	LDS



Sample Information

Client Sample ID: AA-1-20170522

York Sample ID: 17E0905-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0905

170178 38-21 12th St

Indoor Ambient Air

May 22, 2017 3:00 pm

05/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m ³	1.6	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.41	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
67-64-1	Acetone	15		ug/m ³	0.48	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.22	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
71-43-2	Benzene	1.4		ug/m ³	0.32	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.52	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.67	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
75-25-2	Bromoform	ND		ug/m ³	1.0	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.39	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
75-15-0	Carbon disulfide	0.37		ug/m ³	0.31	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
56-23-5	Carbon tetrachloride	0.50		ug/m ³	0.16	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.46	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.26	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
67-66-3	Chloroform	ND		ug/m ³	0.49	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
74-87-3	Chloromethane	0.81		ug/m ³	0.21	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.40	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.45	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
110-82-7	Cyclohexane	0.52		ug/m ³	0.34	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.85	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
75-71-8	Dichlorodifluoromethane	2.5		ug/m ³	0.49	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
141-78-6	* Ethyl acetate	2.1		ug/m ³	0.72	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
100-41-4	Ethyl Benzene	1.1		ug/m ³	0.43	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.1	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS



Sample Information

Client Sample ID: AA-1-20170522

York Sample ID: 17E0905-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0905

170178 38-21 12th St

Indoor Ambient Air

May 22, 2017 3:00 pm

05/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	10		ug/m ³	0.49	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.41	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.36	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
75-09-2	Methylene chloride	1.8		ug/m ³	0.69	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
142-82-5	n-Heptane	1.2		ug/m ³	0.41	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
110-54-3	n-Hexane	1.2		ug/m ³	0.35	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
95-47-6	o-Xylene	1.4		ug/m ³	0.43	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
179601-23-1	p- & m- Xylenes	4.0		ug/m ³	0.87	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
622-96-8	* p-Ethyltoluene	0.64		ug/m ³	0.49	1	EPA TO-15 Certifications:	05/25/2017 03:00	05/25/2017 03:00	LDS
115-07-1	* Propylene	1.1		ug/m ³	0.17	1	EPA TO-15 Certifications:	05/25/2017 03:00	05/25/2017 03:00	LDS
100-42-5	Styrene	0.55		ug/m ³	0.43	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
127-18-4	Tetrachloroethylene	14		ug/m ³	0.17	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.59	1	EPA TO-15 Certifications:	05/25/2017 03:00	05/25/2017 03:00	LDS
108-88-3	Toluene	6.6		ug/m ³	0.38	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.40	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.45	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
79-01-6	Trichloroethylene	0.43		ug/m ³	0.13	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.3		ug/m ³	0.56	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.35	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.44	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.26	1	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:00	05/25/2017 03:00	LDS
	Surrogate Recoveries	Result		Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	96.9 %		72-118						



Sample Information

Client Sample ID: SV-4-20170522

York Sample ID: 17E0905-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0905

170178 38-21 12th St

Soil Vapor

May 22, 2017 3:00 pm

05/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	17	24.23	EPA TO-15 Certifications:	05/25/2017 03:48	05/25/2017 03:48	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	13	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	17	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	19	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	13	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	9.8	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	9.6	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	18	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	12	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	19	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	15	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	9.8	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	11	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	17	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	12	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	16	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	15	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	11	24.23	EPA TO-15 Certifications:	05/25/2017 03:48	05/25/2017 03:48	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	15	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	17	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
78-93-3	2-Butanone	47		ug/m ³	7.1	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	20	24.23	EPA TO-15 Certifications:	05/25/2017 03:48	05/25/2017 03:48	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	38	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS



Sample Information

Client Sample ID: SV-4-20170522

York Sample ID: 17E0905-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0905

170178 38-21 12th St

Soil Vapor

May 22, 2017 3:00 pm

05/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	9.9	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
67-64-1	Acetone	64		ug/m ³	12	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	5.3	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
71-43-2	Benzene	ND		ug/m ³	7.7	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	13	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	16	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
75-25-2	Bromoform	ND		ug/m ³	25	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
74-83-9	Bromomethane	ND		ug/m ³	9.4	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	7.5	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.8	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	11	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
75-00-3	Chloroethane	ND		ug/m ³	6.4	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
67-66-3	Chloroform	ND		ug/m ³	12	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
74-87-3	Chloromethane	ND		ug/m ³	5.0	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	9.6	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	11	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
110-82-7	Cyclohexane	ND		ug/m ³	8.3	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	21	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	12	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	17	24.23	EPA TO-15 Certifications:	05/25/2017 03:48	05/25/2017 03:48	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	11	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	26	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
67-63-0	Isopropanol	ND		ug/m ³	12	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS



Sample Information

Client Sample ID: SV-4-20170522

York Sample ID: 17E0905-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0905

170178 38-21 12th St

Soil Vapor

May 22, 2017 3:00 pm

05/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	9.9	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	8.7	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
75-09-2	Methylene chloride	ND		ug/m ³	17	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
142-82-5	n-Heptane	ND		ug/m ³	9.9	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
110-54-3	n-Hexane	9.4		ug/m ³	8.5	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
95-47-6	o-Xylene	23		ug/m ³	11	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
179601-23-1	p- & m- Xylenes	38		ug/m ³	21	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	12	24.23	EPA TO-15 Certifications:	05/25/2017 03:48	05/25/2017 03:48	LDS
115-07-1	* Propylene	11		ug/m ³	4.2	24.23	EPA TO-15 Certifications:	05/25/2017 03:48	05/25/2017 03:48	LDS
100-42-5	Styrene	ND		ug/m ³	10	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
127-18-4	Tetrachloroethylene	ND		ug/m ³	4.1	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	14	24.23	EPA TO-15 Certifications:	05/25/2017 03:48	05/25/2017 03:48	LDS
108-88-3	Toluene	32		ug/m ³	9.1	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	9.6	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	11	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	3.3	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	14	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	8.5	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	11	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	6.2	24.23	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 03:48	05/25/2017 03:48	LDS
	Surrogate Recoveries	Result		Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	94.4 %		72-118						



Sample Information

Client Sample ID: SV-3-20170522

York Sample ID: 17E0905-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0905

170178 38-21 12th St

Soil Vapor

May 22, 2017 3:00 pm

05/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	16	22.9	EPA TO-15 Certifications:	05/25/2017 04:35	05/25/2017 04:35	LDS
71-55-6	1,1,1-Trichloroethane	17		ug/m ³	12	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	16	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	18	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	12	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	9.3	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	9.1	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	17	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	11	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	18	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	14	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	9.3	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	11	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	16	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	11	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	15	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	14	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	11	22.9	EPA TO-15 Certifications:	05/25/2017 04:35	05/25/2017 04:35	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	14	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	17	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
78-93-3	2-Butanone	40		ug/m ³	6.8	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	19	22.9	EPA TO-15 Certifications:	05/25/2017 04:35	05/25/2017 04:35	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	36	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS



Sample Information

Client Sample ID: SV-3-20170522

York Sample ID: 17E0905-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0905

170178 38-21 12th St

Soil Vapor

May 22, 2017 3:00 pm

05/22/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	9.4	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
67-64-1	Acetone	450		ug/m ³	11	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	5.0	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
71-43-2	Benzene	ND		ug/m ³	7.3	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	12	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	15	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
75-25-2	Bromoform	ND		ug/m ³	24	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
74-83-9	Bromomethane	ND		ug/m ³	8.9	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
75-15-0	Carbon disulfide	33		ug/m ³	7.1	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
56-23-5	Carbon tetrachloride	78		ug/m ³	3.6	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	11	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
75-00-3	Chloroethane	ND		ug/m ³	6.0	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
67-66-3	Chloroform	ND		ug/m ³	11	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.7	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	9.1	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	10	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
110-82-7	Cyclohexane	ND		ug/m ³	7.9	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	20	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
75-71-8	Dichlorodifluoromethane	220		ug/m ³	11	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	17	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
100-41-4	Ethyl Benzene	11		ug/m ³	9.9	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	24	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
67-63-0	Isopropanol	2600		ug/m ³	11	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS



Sample Information

Client Sample ID: SV-3-20170522

York Sample ID: 17E0905-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17E0905

170178 38-21 12th St

Soil Vapor

May 22, 2017 3:00 pm

05/22/2017

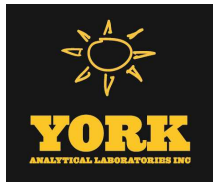
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	9.4	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	8.3	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
75-09-2	Methylene chloride	ND		ug/m ³	16	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
142-82-5	n-Heptane	10		ug/m ³	9.4	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
110-54-3	n-Hexane	16		ug/m ³	8.1	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
95-47-6	o-Xylene	11		ug/m ³	9.9	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
179601-23-1	p- & m- Xylenes	34		ug/m ³	20	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	11	22.9	EPA TO-15 Certifications:	05/25/2017 04:35	05/25/2017 04:35	LDS
115-07-1	* Propylene	9.1		ug/m ³	3.9	22.9	EPA TO-15 Certifications:	05/25/2017 04:35	05/25/2017 04:35	LDS
100-42-5	Styrene	ND		ug/m ³	9.8	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
127-18-4	Tetrachloroethylene	430		ug/m ³	3.9	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	14	22.9	EPA TO-15 Certifications:	05/25/2017 04:35	05/25/2017 04:35	LDS
108-88-3	Toluene	23		ug/m ³	8.6	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	9.1	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	10	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	3.1	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	13	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	8.1	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	10	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	5.9	22.9	EPA TO-15 Certifications: NELAC-NY10854-Queens,NJDEP-Queens	05/25/2017 04:35	05/25/2017 04:35	LDS
	Surrogate Recoveries	Result					Acceptance Range			
460-00-4	Surrogate: p-Bromofluorobenzene	97.7 %					72-118			



Analytical Batch Summary

Batch ID: BE71315

Preparation Method: EPA TO15 PREP

Prepared By: LDS

YORK Sample ID	Client Sample ID	Preparation Date
17E0905-01	AA-1-20170522	05/25/17
17E0905-02	SV-4-20170522	05/25/17
17E0905-03	SV-3-20170522	05/25/17
BE71315-BLK1	Blank	05/24/17
BE71315-BS1	LCS	05/24/17



Volatile Organic Compounds in Air 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
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Batch BE71315 - EPA TO15 PREP

Blank (BE71315-BLK1)

Prepared & Analyzed: 05/24/2017

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								



Volatile Organic Compounds in Air 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
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Batch BE71315 - EPA TO15 PREP

Blank (BE71315-BLK1)

Prepared & Analyzed: 05/24/2017

n-Hexane	ND	0.35	ug/m ³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.26	"								

Surrogate: p-Bromofluorobenzene 9.07 ppbv 10.0 90.7 72-118

LCS (BE71315-BS1)

Prepared & Analyzed: 05/24/2017

1,1,1,2-Tetrachloroethane	10.5		ppbv	10.0		105	70-130				
1,1,1-Trichloroethane	10.7		"	10.0		107	70-130				
1,1,2,2-Tetrachloroethane	9.90		"	10.0		99.0	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.94		"	10.0		99.4	70-130				
1,1,2-Trichloroethane	9.24		"	10.0		92.4	70-130				
1,1-Dichloroethane	9.51		"	10.0		95.1	70-130				
1,1-Dichloroethylene	9.61		"	10.0		96.1	70-130				
1,2,4-Trichlorobenzene	9.40		"	10.0		94.0	70-130				
1,2,4-Trimethylbenzene	11.4		"	10.0		114	70-130				
1,2-Dibromoethane	10.0		"	10.0		100	70-130				
1,2-Dichlorobenzene	11.4		"	10.0		114	70-130				
1,2-Dichloroethane	9.55		"	10.0		95.5	70-130				
1,2-Dichloropropane	8.57		"	10.0		85.7	70-130				
1,2-Dichlorotetrafluoroethane	7.24		"	10.0		72.4	70-130				
1,3,5-Trimethylbenzene	11.4		"	10.0		114	70-130				
1,3-Butadiene	5.50		"	10.0		55.0	70-130			Low Bias	
1,3-Dichlorobenzene	11.4		"	10.0		114	70-130				
1,3-Dichloropropane	9.25		"	10.0		92.5	70-130				
1,4-Dichlorobenzene	11.8		"	10.0		118	70-130				
1,4-Dioxane	9.78		"	10.0		97.8	70-130				
2-Butanone	8.34		"	10.0		83.4	70-130				
2-Hexanone	7.93		"	10.0		79.3	70-130				
3-Chloropropene	9.19		"	10.0		91.9	70-130				
4-Methyl-2-pentanone	8.03		"	10.0		80.3	70-130				
Acetone	8.51		"	10.0		85.1	70-130				
Acrylonitrile	9.86		"	10.0		98.6	70-130				
Benzene	9.76		"	10.0		97.6	70-130				
Benzyl chloride	10.6		"	10.0		106	70-130				
Bromodichloromethane	8.92		"	10.0		89.2	70-130				
Bromoform	11.6		"	10.0		116	70-130				
Bromomethane	6.42		"	10.0		64.2	70-130			Low Bias	
Carbon disulfide	10.8		"	10.0		108	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

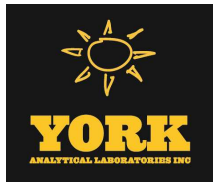
Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BE71315 - EPA TO15 PREP

LCS (BE71315-BS1)

Prepared & Analyzed: 05/24/2017

Carbon tetrachloride	10.5		ppbv	10.0		105	70-130						
Chlorobenzene	10.3		"	10.0		103	70-130						
Chloroethane	10.5		"	10.0		105	70-130						
Chloroform	9.85		"	10.0		98.5	70-130						
Chloromethane	9.75		"	10.0		97.5	70-130						
cis-1,2-Dichloroethylene	9.67		"	10.0		96.7	70-130						
cis-1,3-Dichloropropylene	10.6		"	10.0		106	70-130						
Cyclohexane	10.7		"	10.0		107	70-130						
Dibromochloromethane	10.2		"	10.0		102	70-130						
Dichlorodifluoromethane	9.13		"	10.0		91.3	70-130						
Ethyl acetate	8.86		"	10.0		88.6	70-130						
Ethyl Benzene	10.6		"	10.0		106	70-130						
Hexachlorobutadiene	12.7		"	10.0		127	70-130						
Isopropanol	9.17		"	10.0		91.7	70-130						
Methyl Methacrylate	9.50		"	10.0		95.0	70-130						
Methyl tert-butyl ether (MTBE)	11.8		"	10.0		118	70-130						
Methylene chloride	8.27		"	10.0		82.7	70-130						
n-Heptane	9.20		"	10.0		92.0	70-130						
n-Hexane	8.72		"	10.0		87.2	70-130						
o-Xylene	10.6		"	10.0		106	70-130						
p- & m- Xylenes	20.2		"	20.0		101	70-130						
p-Ethyltoluene	11.7		"	10.0		117	70-130						
Propylene	7.77		"	10.0		77.7	70-130						
Styrene	10.6		"	10.0		106	70-130						
Tetrachloroethylene	9.57		"	10.0		95.7	70-130						
Tetrahydrofuran	9.69		"	10.0		96.9	70-130						
Toluene	9.54		"	10.0		95.4	70-130						
trans-1,2-Dichloroethylene	10.0		"	10.0		100	70-130						
trans-1,3-Dichloropropylene	10.1		"	10.0		101	70-130						
Trichloroethylene	9.24		"	10.0		92.4	70-130						
Trichlorofluoromethane (Freon 11)	9.92		"	10.0		99.2	70-130						
Vinyl acetate	9.21		"	10.0		92.1	70-130						
Vinyl bromide	12.6		"	10.0		126	70-130						
Vinyl Chloride	6.27		"	10.0		62.7	70-130						Low Bias
Surrogate: p-Bromofluorobenzene	10.0		"	10.0		100	72-118						





Notes and Definitions

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.
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to detected analytes only.
<hr/>	
*	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.

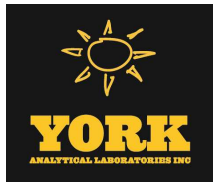
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For 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 - AIR

Page 1 of 1
 York Project No. 17E0905

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

YOUR Information Company: <u>AKRF</u> Address: <u>440 Park Ave NY NY 10016</u> Phone No.: _____ Contact Person: <u>Henry</u> E-Mail Address: <u>Henry@AKRF.com</u>		Report To: Company: <u>AKRF</u> Address: _____ Phone No.: _____ Attention: <u>SOLMAN</u> E-Mail Address: _____		Invoice To: Company: <u>AKRF</u> Address: <u>Same</u> Phone No.: _____ Attention: <u>J. Diggs</u> E-Mail Address: <u>JDiggs@AKRF.com</u>		YOUR Project ID# <u>3821 12th St 5/22</u> <u>DOT Relocation</u> Purchase Order No. <u>170178</u> Samples from: CT <u>NY</u> NJ		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type/Deliverables Summary Report _____ Summary w/ QA Summary _____ CT RCP Package _____ NY ASP A Package _____ NY ASP B/CLP Pkg _____ NJDEP Reduced _____ <i>Electronic Deliverables:</i> EDD (Specify Type) _____ Standard Excel _____ Regulatory Comparison Excel _____	
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Additional Notes:

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.

Air Matrix Codes
 AI - INDOOR Ambient Air
 AO - OUTDOOR Amb. Air
 AE - Vapor Extraction Well/ Process Gas/Effluent
 AS - SOIL Vapor/Sub-Slab

Special Instructions

Please enter the following Field Data

Canister Vacuum Before Sampling (in. Hg) →
 Canister Vacuum After Sampling (in. Hg) →
 Canister ID →
 Flow Cont. ID →

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont. ID	ANALYSES REQUESTED	Sampling Media
AA-1-20170522	5/22/17	AI	-28	-8	18317	F4	10-15	6 Liter canister Tedlar Bag
SV-4-20170522	5/22/17	AS	-28	-6	18300	H3	10-15	6 Liter canister Tedlar Bag
SV-3-20170522	5/22/17	AS	-30	-8	23196	5705	10-15	6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag

Comments

Samples Relinquished By: [Signature] Date/Time: 5/22/17 1520

Samples Relinquished By: [Signature] Date/Time: 5-22-17 1800

Samples Received By: [Signature] Date/Time: _____

Samples Received in LAB by: _____ Date/Time: _____